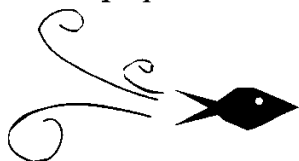
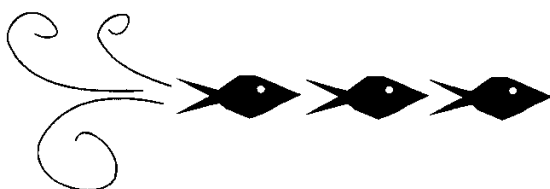


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Appendix H.

MBP—Funded Research Reports (1990-1996)

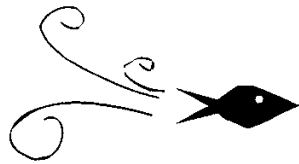


APPENDIX H.
MBP - FUNDED RESEARCH REPORTS (1990 - 1996)

Report Title	Principal Author/Grantee	Status	Doc. Number
<i>Sources and Loadings of Pollutants to the Massachusetts Bays (337 pgs.)</i>	Charles Menzie, Principal Investigator, Menzie-Cura & Associates	Final	MBP-91-01 October 1991
<i>Evaluation of Elemental Tracers for Monitoring the Transport of Sewage Sludge in the Marine Environment (57 pgs.)</i>	David K. Ryan Univ. of Massachusetts/Lowell et al.	Final	MBP-92-02 February 1992
<i>Physical Oceanographic Investigation of Massachusetts and Cape Cod Bays (445 pgs. plus figures and appendices).</i>	W. Rockwell Geyer Woods Hole Oceanographic Institution, et al.	Final	MBP-92-03 October 1992
<i>Survival and Deposition of Fecal Bacteria in Boston Harbor Sediments (94 pgs.)</i>	Michael Shiaris Univ. of Massachusetts/Boston	Final	MBP-92-04S MBP-92-05 (Full) October 1992
<i>The Massachusetts Bays Management System: a Valuation of Bays Resources and Uses and an Analysis of its Regulatory and Management Structure (309 pgs.)</i>	Robert Bowen Univ. of Massachusetts/Boston et al.	Final	MBP-93-01 June 1993
<i>Bioavailability and Biotransformation of Hydrocarbons in Boston Harbor (68 pgs.)</i>	Anne McElroy, Principal Investigator, State University New York/Stonybrook; New York Sea Grant, et al.	Final	MBP-95-02 November 1994
<i>Examining Linkages between Contaminant Inputs and their Impacts on Living Marine Resources of the Massachusetts Bays Ecosystem through Application of the Sediment Quality Triad Method (210 pgs.)</i>	Jeff Hyland Helder Costa Arthur D. Little, Inc.	Final	MBP-95-03 March 1995
<i>Organic Loadings from the Merrimack River to Massachusetts Bay (182 pgs.)</i>	Charles Menzie, Principal Investigator, Menzie-Cura and Associates, et al.	Final	MBP-95-04 April 1995
<i>Evaluation of Chemical Contaminant Effects in the Massachusetts Bays (120 pgs.)</i>	Michael Moore, Principal Investigator, Biology Dept. Woods Hole Oceanographic institution, et al.	Final	MBP-95-05 July 1995
<i>Measurements and Loadings of Polycyclic Aromatic Hydrocarbons (PAH) in Storm-Water, Combined Sewer Overflows, Rivers, and Publicly Owned Treatment Works (POTWs) Discharging to Massachusetts Bays (236 pgs.)</i>	Charles Menzie, Principal Investigator, Menzie-Cura & Associates, et al.	Final	MBP-95-06 August 1995
<i>Atmospheric Deposition of Contaminants onto Massachusetts & Cape Cod Bays</i>	Dan Golomb, Principal Investigator, Univ. of Massachusetts at Lowell, et al.	Draft Rec'd	In Final Review Print 4/96 (MBP-95-07)

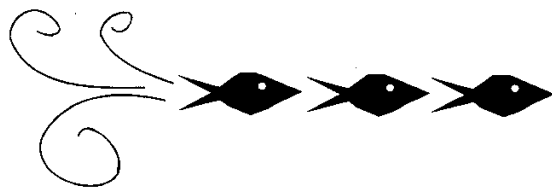
Report Title	Principal Author/Grantee	Status	Doc. Number
<i>Evaluating Costs to Communities of Management Measures to Reduce Loads to Sediments of Urban and Semi-Urban Harbors in Massachusetts Bays</i>	Mark D. Curran Battelle Ocean Sciences Duxbury, MA 02332	Draft Rec'd	In Final Review Print 5/96
<i>Biological and Physical Processes Controlling Nutrient Dynamics and Primary Production in Cape Cod Bay</i>	George B. Gardner, Principal Investigator, Univ. of Massachusetts/Boston, et al.	In Process	Draft Due 4/96
<i>Inventories and Concentration Profiles of Organic Contaminants in Sediment Cores from Massachusetts and Cape Cod Bays</i>	Damian Shea, Principal Investigator, No. Carolina State University, et al.	In Process	Draft Due 4/96
<i>Population Processes of <u>Mya Arenaria</u> from Contaminated Habitats in Massachusetts Bay</i>	Judith E. McDowell, Woods Hole Oceanographic Institution, et al.	In Process	Draft Due 4/96
<i>Geographic Analysis of Bacterial Loadings to Selected Massachusetts Bays Program Embayments</i>	Scott Horsley, Vice President Horsley & Witten, Inc.	In Process	Draft Due 4/96
Other Funded Studies			
<i>Identifying Southeast Asian Immigrant Populations at Risk from Eating Contaminated Shellfish</i>	Jennifer Charles, Charles Consulting; Charles Menzie, Menzie-Cura & Associates	Final	MBP-95-1D May 1995
<i>The Functions of Coastal Wetlands and the Economic Value of Coastal Wetland Restoration in Massachusetts</i>	Dennis King, Project Manager, King & Associates	In Process	Draft Due 3/96
<i>Impact of Contamination and Overfishing to Fisheries Resources</i>	Robert Buchsbaum, Mass. Audubon: North Shore	In Process	Draft Due 3/96
<i>Biological and Oceanographic Factors Controlling the Nuisance Algal Bloom of <u>Pilayella Littoralis</u> in Nahant Bay, Massachusetts</i>	Don Cheney and Verena Gross, Northeastern University Marine Science Lab	In Process	Draft Due 4/96
Massachusetts Bays Monitoring Plan Components			
<i>An Inventory of Organic and Metal Contamination in Massachusetts Bay, Cape Cod Bay, and Boston Harbor Sediments and Assessment of Regional Sediment Quality</i>	Jeanne Cahill and Karen Imbalzano, U. Mass./Boston	Final 1991	N/A
<i>Identification of Embayments at Risk of Eutrophication</i>	Charles Menzie, Menzie-Cura & Associates	In Process	Due 4/96
<i>Assessing the Health of Mussels, <u>mytilus edulis</u> L., sampled during the 1995 Gulf-Watch Project.</i>	William Robinson, U.Mass./Boston	In Process	Due 6/96

a p p e n d i c e s



Appendix I.

MBP— Demonstration Projects (1990-1996)



APPENDIX I
MBP DEMONSTRATION PROJECTS (1990 - 1996)

1991 - 1992

North Shore

Gloucester Dye Testing	\$16,000	Expansion of an existing dye-testing project conducted by City of Gloucester Health Department. Intended result: to control direct sewage discharges from inadequate septic systems.	Walter Meyer, Health Agent City of Gloucester Health Dept. Poplar Street Gloucester, MA 01930 (508)281-9771
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Boston

Quincy Tidegate Project	\$35,000	Installation of a tidegate to control tidal influx into the storm water system for the City of Quincy.	Michael C. Wheelwright Program Manager Quincy Dept. of Public Works 55 Sea Street Quincy, MA 02169-2572 (617)376-1900
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South Shore

Stormwater Drainage System Monitoring	\$33,000	Maintenance, upgrade, and monitoring of stormwater drainage systems discharging into the North River in Marshfield, Norwell, Hanover, and Pembroke.	Debbie Lenehan, Executive Director No. & So. Rivers Watershed Assn. P.O. Box 43 Norwell, MA 02061 (617)659-8168
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Cape Cod

Scudder Lane Stormwater Infiltration System Installation	\$15,000	Installation and subsequent monitoring of a stormwater infiltration system at the parking area and boat ramp at Scudder Lane in Barnstable, an important shellfish relay area in Cape Cod Bay.	Stephen Seymour, Proj. Engineer Town of Barnstable 367 Main Street Hyannis, MA 02601 (508)790-6300
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1992 - 1993

Boston

Winthrop Conservation Commission and Board of Selectmen	\$31,000	"Lewis Lake Restoration Project": to improve water quality in a degraded coastal lake through a quantitative baseline assessment of the water quality, vegetation, and hydrology of the lake. Automate the existing manually operated tidegate, clean the area of debris, review the use of fertilizers and pesticides in the adjacent golf course, stencil storm drains which empty into the lake, and monitor recovery.	Mary Kelly, Chair Winthrop Conservation Commission Town Hall One Metcalf Square Winthrop, MA 02150 (617)846-1077
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1992 - 1993 (con'd)

Boston (con'd)

Friends of the Boston Harbor Islands	\$15,000	"Greater Boston Harbor Eelgrass Study and Island Revegetation Project" to renew and protect the native and naturalized vegetation on the harbor islands through data collection, propagation, and transplanting. Create an on-island nursery with seeds and cuttings collected from all of the islands. Create a better understanding of coastal erosion techniques through bioengineering which can be used throughout the islands and along the New England coast.	Marsha Bach Friends of the Boston Harbor Islands, Inc. P.O. Box 9025 Boston, MA 02114 (617)740-4290
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Cape Cod

Orleans/Brewster/Eastham Groundwater Protection District and Bourne Board of Health	\$15,000	"De-nitrifying septic system" to perform site evaluation, and install and monitor an alternative on-site septic system: a peat system in Eastham. This system has the capacity to denitrify wastes. Work with DEP to get these systems approved as alternatives to the current Title 5 system. Conduct one educational workshop on the operation, maintenance, and regulations necessary for these systems.	Wayne McDonald District Administrator Orleans, Brewster, Eastham Groundwater Protection Dist. Overland Way - P.O. Box 2773 Orleans, MA 02653 (508)255-5744
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1993 - 1994

South Shore

Duxbury/Kingston/Plymouth: Bluefish River Water Quality Monitoring/Habitat Restoration	\$32,000	Goal of the project is improvement of near-shore water quality of Kingston/Plymouth/Duxbury embayment to enable opening of shellfish beds for commercial and recreational harvest. Cooperative working agreement among the three towns. Engineering study conducted to develop remediation strategy for failing septic systems.	Joseph M. Grady, Jr. Duxbury Conservation Commission 878 Tremont Street Duxbury, MA 02332 (617)934-6586
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Other 1993 Demonstration Project funding was based upon projects submitted by the five regional Local Governance Committees (LGCs). Included is a 25% non-federal match from local communities, agencies, or companies. Award: September, 1993.

North Shore LGC (8 Towns & the Bay)

Coastal Water Quality Task Force Development	\$18,090	Task forces to be established in each community in a cooperative effort to identify, monitor and mitigate non-point pollution sources. Perform shoreline surveys, conduct water quality sampling and data analysis, and enter into agreements with local sewer and water filtration labs for fecal coliform testing.	Lisa Nicol MBP Technical Assistant M.V.P.C. 160 Main Street Haverhill, MA 01830 (508)374-0519
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1993 - 1994 (con'd)			
Salem Sound 2000 LGC			
Salem Sound Monitoring Project and Source Identification Survey	\$17,000	Shoreline survey and source identification project; teams of volunteer monitors collected and analyzed weekly water samples for fecal coliform bacteria. Data were shared with appropriate municipal officials and Program staff.	Nancy Goodman MBP Technical Assistant M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
Metro Boston LGC			
<i>Pilayella littoralis</i> Research	\$6,000	Funding to Northeastern University's Marine Science Lab in Nahant for study of the biology of <i>Pilayella littoralis</i> . Results to provide information for the successful timing and location of harvesting efforts.	Dr. Don Cheney Northeastern University East Point Marine Science Lab. Nahant, MA 01908 (617)581-7370
South Shore LGC			
Water Quality Monitoring Project	\$17,000	Monitoring to occur in the communities of Weymouth, Cohasset, Scituate, and Marshfield.	Bill Clark, MBP Tech. Asst. M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
1994 - 1995			
North Shore (8 Towns & the Bay)			
Town of Essex Septic System Evaluation	\$19,000	Town-wide door-to-door survey of existing septic systems, examination of Board of Health records, and compilation of data resulting in remediation recommendations.	Lisa Nicol, MBP Tech. Asst. M.V.P.C. 160 Main Street Haverhill, MA 01830 (508)374-0519
Salem Sound 2000			
Water Quality Monitoring	\$19,000	Ongoing water quality monitoring program and establishment of coastal water quality task forces in each community to work on specific projects (continuation funding).	Nancy Goodman, MBP Tech. Asst. M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
Metro Boston LGC			
Waste Oil Collection Center	\$4,400	Establishment of waste oil collection center in Revere to reduce pollutants entering municipal storm water systems. A tank was purchased and installed, and will be operated for several years. It is the city's responsibility for additional construction costs, operation, promotion, and disposal.	Bill Clark MBP Technical Assistant M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770

1994 - 1995 (con'd)			
Metro Boston LGC (con'd)			
Metro Boston Area Contaminated Shellfish Harvesting Study	\$5,000	Phase I of project to identify geographic areas and ethnic populations that are at risk from eating contaminated shellfish.	Nancy Goodman M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
Neponset River Watershed Bylaw Development	\$8,000	Development of a stormwater bylaw, based on stormwater modeling, for communities in the Neponset River basin. Developed by MAPC in partnership with MA Coastal Zone Management, US Natural Resources Conservation Service, Boston Water & Sewer Dept., and Neponset River Watershed Association.	Martin Pillsbury M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
South Shore			
Water Quality Monitoring	\$2,000	To identify pollution sources in the Herring River in Scituate.	Debbie Lenehan No. & So. Rivers Watershed Assn. P.O. Box 43 Norwell, Ma 02061 (617)659-8168
Cape Cod LGC			
Alternative On-Site Waste Technologies Development	\$17,400	Hiring of part-time technical assistant to work with Cape Cod communities in the development of alternative septic technologies.	Julie Early, MBP Tech. Asst. Cape Cod Commission 3225 Main Street Barnstable, MA 02630 (508)362-3828
1995 - 1996			
North Shore (8 Towns & the Bay)			
Four Community Projects (in the planning stages)	\$15,000		Lisa Nicol M.V.P.C. 160 Main Street Haverhill, MA 01830 (508)374-0519
Salem Sound 2000			
Water Quality Monitoring	\$15,500	Ongoing water quality monitoring program and establishment of coastal water quality task forces in each community to work on specific projects they develop (continuation funding).	Nancy Goodman MBP Technical Assistant M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
Metro Boston Area			
Youth Environmental Action Summer Program	\$5,000	Funding of 10-week "Harbor Vision Crew '95" peer education and service program for schools in the cities of Cambridge, Chelsea, Somerville, and Boston.	Jodi Sugerman Save the Harbor/Save the Bay 25 West Street Boston, MA 02111 (617)451-2860

1995 - 1996 (con'd)

Metro Boston Area (con'd)

Neponset River Water Quality Monitoring	\$2,500	Citizen monitoring program to identify potential pollution sources in the Neponset River between Mother Brook section and the Lower Mills Falls.	Ian Cook Neponset River Watershed Assn. 2438 Washington Street Canton, MA 02021 (617) 575-0354
Storm Drain Stenciling	\$4,000	Stenciling of storm drains throughout the metropolitan Boston area, indicating that the storm drains dump directly into Boston Harbor.	Nancy Goodman M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770

South Shore

Water Quality Monitoring	\$2,000	To identify pollution sources in the Herring River in Scituate.	Debbie Lenehan North and South Rivers Watershed Association P.O. Box 43 Norwell, Ma 02061 (617)659-8168
Water Quality Monitoring	\$2,055	To determine nitrogen levels and fecal coliform bacteria counts in the Billington Sea, Plymouth, in conjunction with Old Colony Planning Council, Natural Resources Conservation Service, and Massachusetts Department of Environmental Protection.	Mike Conrad Director of Water Monitoring Billington Sea Association 33 Hopkins Road Plymouth, MA 02360 (508)747-5510
Title 5 Septic System Municipal Data Base	\$11,400	Purchase of FoxPro software, one copy for each South Shore Local Governance Committee municipal Board of Health, to compile DEP-required information on each septic system in a municipality. Contract to develop database and translate municipal assessor data to the system. Input data to municipal computers.	Bill Clark M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
Pollution Source Identification	\$1,600	Purchase of smoke testing equipment for use by all South Shore communities (via DPW /Board of Health) in conjunction with the Massachusetts Division of Marine Fisheries.	Bill Clark M.A.P.C. 60 Temple Place Boston, MA 02111 (617)451-2770
ACEC Management Plan	\$2,500	Work with the Back River Committee in Weymouth and Hingham to develop a resource management plan for their ACEC.	Tom Burbank 17 Andrews Isle/P.O. Box 185 Hingham, MA 02043 (617)749-9473

1995 - 1996 (con'd)

Cape Cod

Alternative On-Site Waste Technologies Development	\$20,000	Continuation of part-time technical assistant to work with Cape Cod communities in the development of alternative on-site systems technologies.	Julie Early MBP Technical Assistant Cape Cod Commission 3225 Main Street Barnstable, MA 02630 (508)362-3828
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MBP Mini-Bays Grant Awards (1991 - 1996)

North Shore

Plum Island Sound	\$235,000	Develop, implement, and monitor a research, policy, and education plan to reduce nonpoint sources of pollution in the communities of Ipswich, Newbury, and Rowley	Dr. Robert Buchsbaum Mass. Audubon: North Shore 348 Grapevine Road Wenham, MA 01984 (508)927-1122 FAX: 922-8487
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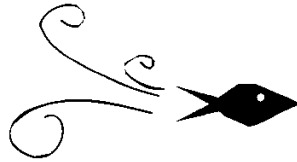
South Shore

Fore River Embayment	\$235,000	A tri-community effort of the Cities of Braintree and Quincy and the Town of Weymouth to identify sources of pollution in the Fore River and develop strategies to mitigate those problems.	James Clarke, Jr. Planning & Community Development Town Hall - 75 Middle Street Weymouth, MA 02189 (617)335-2000
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Cape Cod

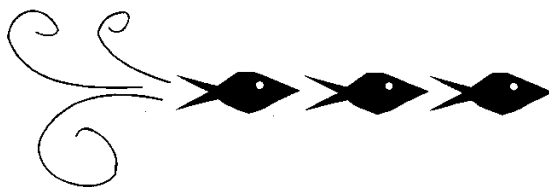
Wellfleet Harbor	\$235,000	The Town of Wellfleet, the Barnstable County Health and Environment Department, the Barnstable County Cooperative Extension office, and the Water Resources Office of the Cape Cod Commission have joined together to develop a long term management plan for Wellfleet Harbor, based on research and monitoring information, to mitigate pathogen and nitrogen sources to the estuary.	George Heufelder Barnstable County Health & Environment Department Superior Court House P.O. Box 427 Barnstable, MA 02630 (508)362-2511
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Appendix J.

Endangered Species Act



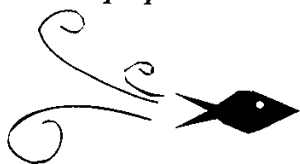
APPENDIX J. ENDANGERED SPECIES ACT

The Action Plans and recommendations of the Massachusetts Bays Comprehensive Conservation and Management Plan (CCMP) seek to protect and enhance habitat for many different wildlife species, including those categorized as endangered or threatened. The CCMP is the product of the Massachusetts Bays Program (MBP) Management Conference, which has included representatives of both the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS). An example of these CCMP directives is the action for municipalities (with assistance from knowledgeable sources) to prepare a "Barrier Beach Management Plan" for locally-owned barrier beaches, which provide significant nesting habitat for many species of wading birds, shorebirds, and waterfowl (e.g., piping plover and roseate tern, both of which are federally listed species under the Endangered Species Act). Also, NMFS, the U.S. Army Corps of Engineers (ACOE), and the U.S. Environmental Protection Agency (EPA) are responsible for continuing and expanding efforts to protect and restore eelgrass habitat, a critical nearshore food source for many of the same species of wading birds and waterfowl which nest on barrier

beaches. Lastly, the MBP has recently published Geographic Information System Community Resource Atlases for each of the 49 coastal communities along Massachusetts and Cape Cod Bays; these atlases, which indicate locations at which listed species have been observed, will be delivered to the communities by mid-1996.

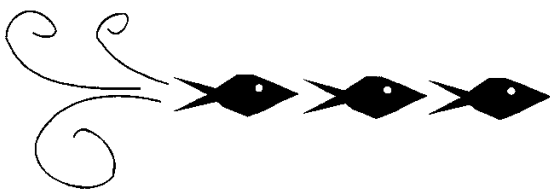
With respect to implementation of any CCMP Action Plans and recommendations which could affect a federally listed threatened or endangered species (or the designated critical habitat of a listed species), a federal agency which authorizes, funds, or otherwise carries out an implementation activity must consult with USFWS and/or NMFS to ensure that appropriate protections are in place, pursuant to Section 7 of the Endangered Species Act (ESA). In addition, federal agencies must "conference" with USFWS and NMFS, as appropriate under Section 7, to ensure that federal activities consider potential jeopardy to species which have been proposed for ESA listing but whose listing has not yet been finalized.

a p p e n d i c e s



Appendix K.

National Historic Preservation Act



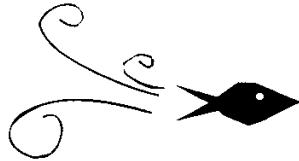
APPENDIX K. NATIONAL HISTORIC PRESERVATION ACT

At the request of the Director of the Massachusetts Coastal Zone Management Office (MCZM), the Massachusetts Historical Commission (MHC)/State Historic Preservation Officer (SHPO) reviewed the Draft Final Massachusetts Bays Comprehensive Conservation and Management Plan (CCMP) (December, 1995). As a result of this evaluation, the MHC/SHPO offered a number of general suggestions (e.g., implementation of the CCMP's Action Plans and recommendations relative to the work of the MHC/SHPO) and specific suggestions (e.g., inclusion of additional information) regarding the protection of the Commonwealth's significant historic and archaeologic resources. These constructive comments have been addressed and otherwise incorporated into the Final CCMP (please refer to Chapter XI and Appendix G).

Under Section 106 of the National Historic Preservation Act (NHPA), federal agencies must take into account the effects of proposed federal or federally-assisted undertakings on historic properties included in, or eligible for inclusion in, the National Register of Historic Places. The NHPA and its implementing regulations (36 CFR Part 800) also generally provide for the federal agency or its designee to consult with the SHPO and, as applicable, with the Advisory Council on Historic Preservation on such undertakings. In addition, applicable compliance with State historic preservation laws and regulations must be achieved.

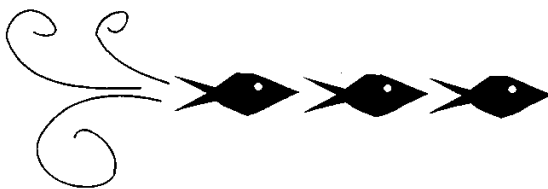
If any federal agency implements, funds, or approves actions contemplated under this CCMP, it shall be the responsibility of that agency, in accordance with Section 106 of the NHPA and its implementing regulations, to notify the SHPO. In addition, if any such activities would result in effects on historic properties under this Plan, the federal agency shall complete Section 106 consultation prior to initiating the activity. Moreover, all entities implementing activities under the Plan must satisfy any applicable requirements to consult with the SHPO under state law. Finally, it will be the policy of the Massachusetts Bays Program (MBP) that any CCMP implementation projects directly funded by the MBP will be undertaken in accordance with Section 106 of the NHPA and its implementing regulations. It should be noted that since the MBP does not anticipate having excess funding to support many of these projects, it will notify an agency directly undertaking implementation (e.g., local Conservation Commission) that its project may be subject to MHC/SHPO regulations and policies. This will be accomplished when feasible, recognizing that the MBP may not be directly involved in all implementation activities (e.g., adoption of a local wetlands protection bylaw without hands-on technical assistance from MBP staff).

a p p e n d i c e s



Appendix L.

Agency and Community Letters/Resolutions of Commitment



APPENDIX L. AGENCY AND COMMUNITY LETTERS/ RESOLUTIONS OF COMMITMENT

All of the state, federal, and regional agencies responsible for CCMP action recommendations were asked to provide letters affirming their support for the CCMP and their commitment to implementation. These letters follow.

In addition, Massachusetts Bays cities and towns in each of the five coastal subregions are being asked to sign a Resolution of support for the CCMP, affirming their voluntary commitment to work towards implementing the actions appropriate for their particular community. Copies of all signed Resolutions that have been received to date follow.

Throughout the CCMP implementation process, the Massachusetts Bays Program will provide guidance and technical

assistance through the MBP Local Governance Committees and MBP/Regional Planning Agency Technical Assistance staff. In addition, the MBP will serve these communities as liaison to the participating state, federal, and regional agencies of the Management Conference.

The commitment letters and resolutions of support which follow set the stage for CCMP implementation. They serve as our commitment to the citizens of Massachusetts that we will work together to restore and protect our Bays resources for the present and future generations.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
JOHN F. KENNEDY FEDERAL BUILDING
BOSTON, MASSACHUSETTS 02203-0001

February 22, 1996

Ms. Trudy Coxe, Secretary
Massachusetts Executive Office of Environmental Affairs
100 Cambridge Street
Boston, MA 02202

OFFICE OF THE
REGIONAL ADMINISTRATOR

RE: EPA Commitment to the Massachusetts Bays Comprehensive Conservation and Management Plan

Dear Secretary Coxe:

As you know, the U.S. Environmental Protection Agency (EPA) has taken an active role in the development of the Massachusetts Bays Comprehensive Conservation and Management Plan (CCMP). Since the inception of the Massachusetts Bays Program (MBP) in 1990, EPA has supported the MBP's goals and objectives, as articulated in the CCMP. Accordingly, I believe that the purposes of the CCMP can be met by continuing the cooperative relationship of EPA, state and regional agencies, local environmental officials, as well as our other Federal partners. Specifically and through this letter, EPA establishes its commitment to the following in support of the CCMP:

ACTION PLANS: EPA-New England will undertake 6 individual actions to directly support implementation of 4 of the Action Plans in the CCMP.

Protecting and Enhancing Coastal Habitat: EPA, in partnership with the National Marine Fisheries Service and the Army Corps of Engineers, will continue and expand current efforts to support eelgrass habitat protection and restoration in Massachusetts and Cape Cod Bays.

Reducing and Preventing Stormwater Pollution: EPA will (a) provide technical assistance to communities in developing comprehensive stormwater management programs (lower Charles River); and (b) target National Pollutant Discharge Elimination System (NPDES) permitting and compliance for industrial stormwater dischargers (Neponset River).

Reducing and Preventing Toxic Pollution: EPA will target NPDES permitting of significant discharges in the Massachusetts Bays; in particular, oil tank farms along Chelsea Creek and the Island End River.

Managing Centralized Wastewater Treatment Facilities: EPA will (a) support the control of combined sewer overflows in the Massachusetts Bays watersheds, especially the lower Charles River; and (b) target NPDES permitting to implement technology and water quality-based requirements in the Merrimack River watershed.

Ms. Trudy Coxe, Secretary

Page 2

February 22, 1996

PROGRAMMATIC SUPPORT: This section identifies those EPA-New England programs and initiatives which provide firsthand support to CCMP implementation. Further, discussions with these program managers continue regarding programs in addition to those listed which may also support CCMP implementation.

Municipal Assistance: In support of CCMP recommendations regarding wastewater management, EPA's Center for Environmental Industry and Technology is currently leading an effort to analyze and ideally establish consistent performance standards for alternative residential on-site wastewater disposal systems. Refer also to the "Enforcement/Compliance" section on this page.

Technical Development: Through both the Environmental Technology Initiative and the Center for Environmental Technology and Industry, EPA is already providing significant support to the recently commenced effort on Cape Cod which is developing a testing and demonstration project for innovative and alternative design on-site sewage disposal systems.

Emergency Response: The partnership of EPA, the U.S. Coast Guard, and the National Oceanic and Atmospheric Administration will collaborate with the Massachusetts Department of Environmental Protection (DEP) to implement the "Policy on the Use of Oil Spill Chemical Counter Measures (Dispersants)", supporting implementation of CCMP recommendations regarding oil pollution reduction.

Compliance/Enforcement: EPA, through its Office of Environmental Stewardship, has designated the South Coastal watershed for targeted enforcement and technical assistance activity, consistent with CCMP recommendations regarding wastewater, toxics, and nutrient management. Also, EPA's Underground Storage Tank Program will target inspections in wellhead protection areas situated in the Neponset and South Coastal watersheds, supporting CCMP recommendations regarding the reduction of oil and toxic pollution.

Ms. Trudy Cox, Secretary
Page 3
February 22, 1996

FINANCIAL SUPPORT: EPA-New England's commitments to those financial programs which could advance implementation of the CCMP are described in this section.

State Revolving Fund: EPA will work with the Massachusetts DEP to continue to access the State Revolving Fund for authorized nonpoint source pollution control projects (e.g., stormwater mitigation).

Grant Programs: EPA will continue to support implementation of CCMP actions and recommendations through existing grant programs (e.g., the Gloucester stormwater mitigation project funded under §319, Clean Water Act in support of shellfish bed restoration).

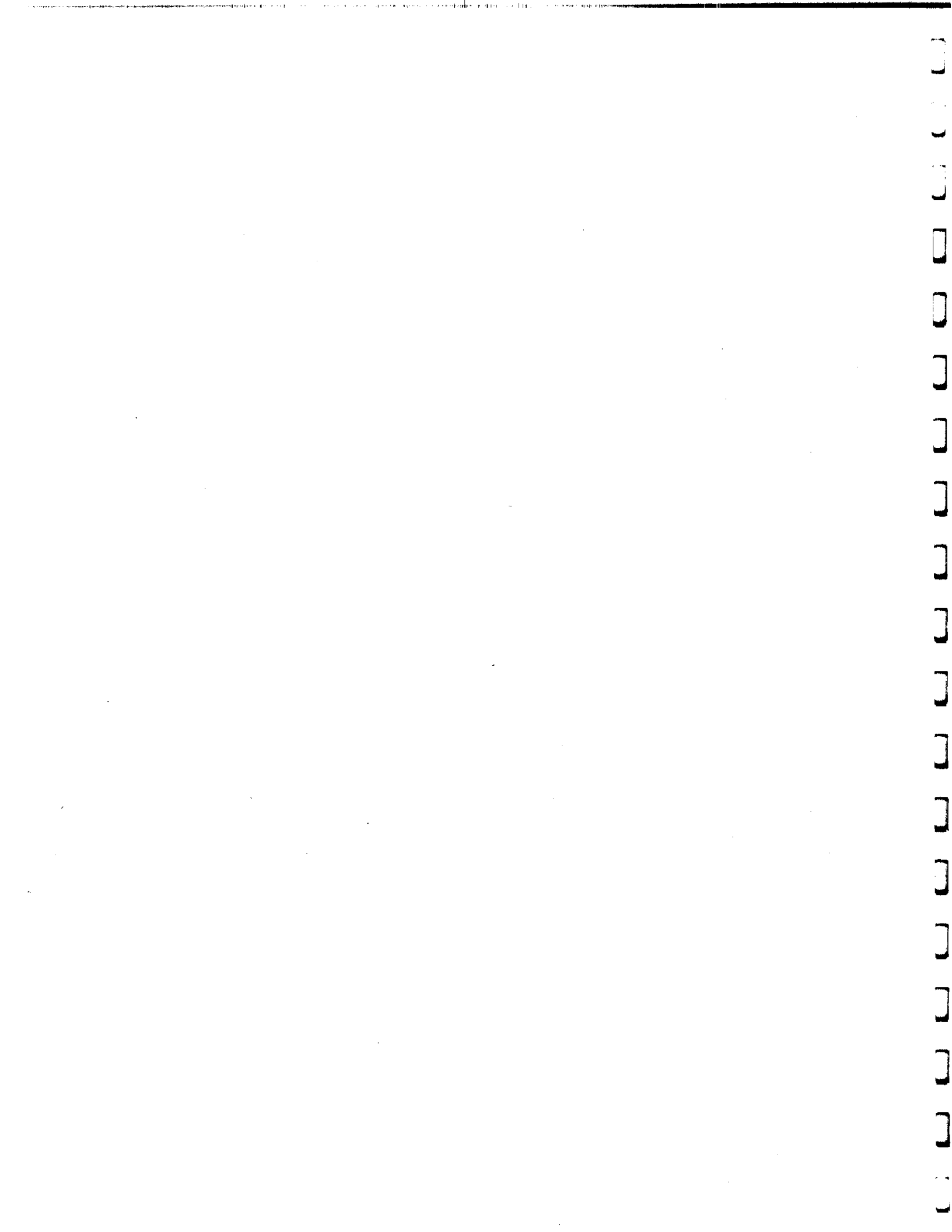
Management and staff of EPA-New England take these commitments seriously; in fact, we have articulated our responsibility to the CCMP in both the Massachusetts Office of Ecosystem Protection Annual Workplan and in our ongoing negotiations with the Commonwealth regarding the Base Program Requirements of their annual Federal grant. I appreciate the opportunity to formally present these commitments to you, and look forward to continued collaboration as we begin full implementation of the CCMP. You, the Massachusetts Bays Program staff, and all the Program's partners are to be congratulated for developing this consensus- and community-based approach to improving and protecting public health and our critical coastal resources.

Very truly yours,



John DeVillars
Regional Administrator

cc: Ms. Margaret M. Brady, Director, Massachusetts Office of Coastal Zone
Management





UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
NORTHEAST REGION
One Blackburn Drive
Gloucester, MA 01930

February 7, 1996

Margaret Brady, Director
Massachusetts Coastal Zone Management Program
Room 2006
100 Cambridge Street
Boston, MA 02202

FEB 9 1996

Dear Ms. Brady:

This is in reference to the Comprehensive Conservation and Management Plan (CCMP) for the Massachusetts Bays Program. The National Marine Fisheries Service (NMFS) has reviewed the draft CCMP and we are familiar with the goals, objectives, and action plans outlined in the document. Clearly, cooperation between federal, state, and local agencies, as well as concerned interest groups, will be the key to accomplishing the ambitious steps described in the CCMP.

NMFS offers our strong support for the CCMP. In particular, we are committed to assisting Massachusetts with the implementation of Action Plan #3, "Protecting and Enhancing Coastal Habitat." As discussed in Action #3.14, NMFS will continue our efforts with the Environmental Protection Agency and the Army Corps of Engineers to support eelgrass habitat protection and restoration in Massachusetts and Cape Cod Bays. We will also continue to support greater awareness of and protection for other important coastal habitats.

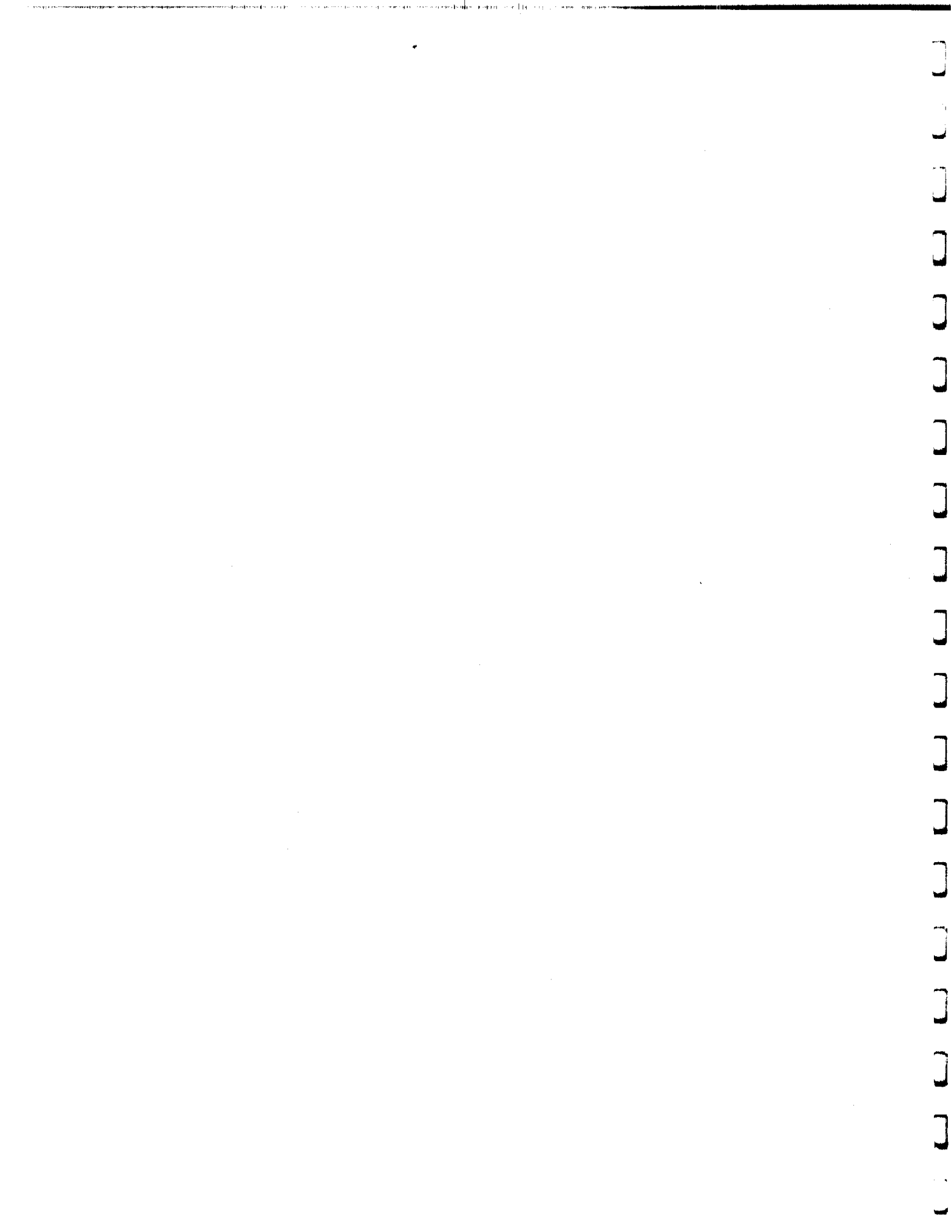
I look forward to working together with you and the others involved to make the Massachusetts Bays CCMP successful.

Sincerely,

Chris Mantzaris
Chief, Habitat and Protected Resources Division

cc: Tara Tracy, EPA







REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION, CORPS OF ENGINEERS
424 TRAPELO ROAD
WALTHAM, MASSACHUSETTS 02254-9149

February 2, 1996



Planning Directorate
Evaluation Division

Ms. Margaret Brady, Director
Massachusetts Coastal Zone Management Program
Room 2006
100 Cambridge Street
Boston, Massachusetts 02202

Dear Ms. Brady:

The U.S. Army Corps of Engineers, New England Division (Corps) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). The Corps has reviewed the excerpts from the December 1995 draft Final Massachusetts Bays CCMP and has the following general comments. Specific comments are attached.

Over the past few months and as part of our review, the Corps has evaluated the goals and objectives outlined in the draft CCMP. Based on this review, we believe that the goals of the CCMP can be met by the cooperative relationship of the Corps, and other Federal, State and local agencies as well as other environmental organizations. In particular and through this letter, the Corps confirms its commitment to the following actions:

Action Plan for Protecting and Enhancing Coastal Habitat: The partnership of the Corps, U.S. Environmental Protection Agency (EPA) and the National Marine Fisheries Service (NMFS), will continue and expand current efforts to support eelgrass and saltmarsh habitat protection and restoration of the Massachusetts Bays region. We suggest inclusion of the following paragraph in the CCMP.

These actions are critical to the protection and restoration of eelgrass and saltmarsh habitat, which provide valuable breeding, nursery, nutritional, and stabilization functions in the aquatic ecosystem. These efforts are ongoing by the Corps, EPA, and NMFS as partnership agencies, and will be funded through their annual operating budgets.

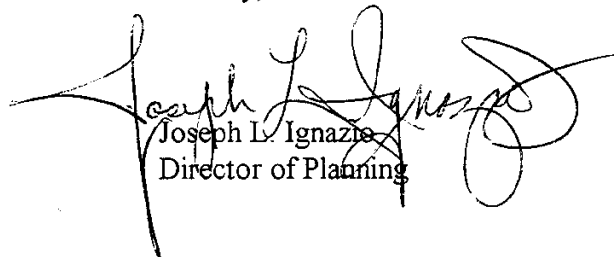
Action Plan for Managing Dredging and Dredged Material Disposal: The Corps, in coordination with other Federal and State agencies, will continue to monitor dredged material disposal sites in the Massachusetts Bays region. The Corps will also initiate the planning necessary to begin a capping demonstration project at the Massachusetts Bay Disposal Site. In addition, the coordination, planning, and possible designation of a disposal site suitable for containment of contaminated material will need to be initiated by the Corps, Massachusetts Executive Office of Environmental Affairs, and Massport, as well as EPA and NMFS. We suggest inclusion of the following paragraph in the CCMP.

The impact of dredged material disposal on the aquatic environment (e.g. the Massachusetts Bays Disposal Site) is monitored by the Corps Disposal Area Monitoring System (DAMOS). Further, dredged material unsuitable for unconfined open water disposal is prohibited at the MBDS until capping's efficacy can be effectively demonstrated. The Corps will begin efforts to research the efficacy of confined (i.e. capped) disposal at the MBDS. Planning efforts to identify an appropriate disposal site for future maintenance material from Boston Harbor will be initiated.

The Corps is committed towards implementing the goals of the Massachusetts Bays CCMP. We look forward to working together to make the CCMP successful in protecting the important resources of the Bays.

Any questions or comments can be addressed to Ms. Catherine Demos of my staff at (617) 647-8231.

Sincerely,


Joseph L. Ignazio
Director of Planning

U.S. Department
of Transportation

United States
Coast Guard



Commander
First Coast Guard District

408 Atlantic Avenue
Boston, MA 02210-3350
Staff Symbol: (mep)
Phone: 617/223-8434
S.Lundgren/D1m@cgsmtg.uscg.mil

16471
February 12, 1996

Ms. Margaret Brady, Director
Massachusetts Coastal Zone Management Program
Room 2006
100 Cambridge Street
Boston, MA 02202

Dear Ms. Brady:

The U.S. Coast Guard (USCG) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). We believe that the goals of the CCMP can be met by the cooperative relationship of the USCG, state and regional agencies, local environmental officials, along with other Federal agencies such as the Environmental Protection Agency (EPA). In particular and through this letter, the USCG confirms its commitment to the following actions:

Action Plan for Reducing and Preventing Oil Pollution:

The USCG will collaborate with agencies such as the Massachusetts Department of Environmental Protection, EPA, and the National Oceanic and Atmospheric Administration to implement the recently developed "Policy on the Use of Oil Spill Chemical Countermeasures (Dispersants)". In addition, the USCG will collaborate with these and other agencies to update and implement the Area Contingency Plans that apply to the Massachusetts Bays.

These actions are important to reduce oil pollution impacts on the marine environment, especially in the case of major spills or other releases. These efforts will be funded through the annual operating budgets of the participating agencies.

The USCG takes these commitments seriously. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Sincerely,

A handwritten signature in dark ink, appearing to read "S. P. Garrity".

S. P. GARRITY
Commander, U.S. Coast Guard
Chief, Marine Environmental Protection Branch
By direction of the Commander,
First Coast Guard District





The Commonwealth of Massachusetts
Executive Office of Environmental Affairs
100 Cambridge Street, Boston, 02202

WILLIAM F. WELD
GOVERNOR

ARGEO PAUL CELLUCCI
LIEUTENANT GOVERNOR

TRUDY COXE
SECRETARY

Tel: (617) 727-9800
Fax: (617) 727-2754

April 3, 1996

Re: Executive Office of Environmental Affairs Commitment to the
Massachusetts Bays Program CCMP

To Whom it May Concern:

The Massachusetts Executive Office of Environmental Affairs (EOEA) has actively participated in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). EOEA has evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on our review of the draft document, we believe that the goals of the CCMP can be met by the cooperative relationship of EOEA and other state agencies, and local environmental officials, supported by EPA.

Several of the actions required by this important document fall to EOEA for implementation. In particular, and through this letter, EOEA affirms its commitment to the following actions:

Protecting and Enhancing Coastal Habitat

EOEA will continue the innovative Wetlands Restoration and Banking Program to restore and protect degraded coastal and inland wetlands.

Target Date: Ongoing

Reducing and Preventing Toxic Pollution

EOEA will work with municipalities and the private sector to explore and form partnerships to facilitate the safe management of hazardous products, encouraging reduced toxic products use and recycling wherever possible.

Target Date: Ongoing

Managing Centralized Wastewater Treatment Facilities

EOEA will work collaboratively to develop and implement an effective program for monitoring and enforcing point source discharges from wastewater treatment plants and energy-producing

facilities. EOEA, with DEP and CZM, will pursue state legislation to modify the Massachusetts Clean Waters Act to meet EPA requirements for NPDES delegation. Legislation has been before the state legislature for some time without additional action.

Managing Dredging and Dredged Materials Disposal

EOEA will coordinate the development of a comprehensive *Dredging and Dredged Materials Disposal Plan* to improve and maintain access to the Commonwealth's ports, harbors, and channels, and to minimize adverse impacts to the marine environment.

Target Date: Draft plan due in 1996.

Enhancing Public Access and the Working Waterfront

EOEA will, in collaboration with coastal municipalities, develop and implement an *Access-Via-Trails* program to enhance public access along the coast.

Target Date: A coastal trails program should be ready for full-scale operation by the end of fiscal year 1996.

Educating Teachers, Students, and the Public About the Bays

EOEA will continue to work closely with the Department of Education (DOE) through the Secretary's Advisory Group on Environmental Education (SAGEE) in order to develop a strategy for the implementation of the "Benchmarks for Environmental Education." Further, EOEA will continue to place a priority on the role of environmental education to insure that appropriate state leadership is maintained.

Target Date: 1996

EOEA will, in cooperation with the Department of Education, continue to develop a grant relationship with the National Science Foundation and other funding agencies in order to provide technological outreach aimed at enhancing environmental literacy. The goal is to make resource and curriculum materials widely accessible and to provide ongoing coordination among the various members of the educational community.

Target Date: 1996

EOEA will, with the DOE, empower exemplary teachers, administrators, and/or schools, who demonstrate the competence, to carry out formal and non-formal environmental education initiatives that complement the Commonwealth's environmental education program.

Target Date: 1996

Develop a State Non-Point Source Education and Outreach Strategy

EOEA will develop and maintain a clearinghouse of NPS education, information, and technical assistance materials, as well as a database of available state NPS materials and programs.

Target Date: The clearinghouse/database could be completed by July, 1996.

EOEA will develop and maintain a matrix, by topic, of NPS education, information, and technical assistance materials produced by state agencies and associated organizations.

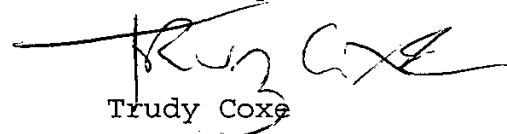
Target Date: March, 1996

EOEA will expand upon Massachusetts Bays Program efforts and develop a strategy for NPS outreach and technical assistance statewide that would coordinate the development and production of NPS education, information, and technical assistance in order to implement NPS pollution controls.

Target Date: July, 1996

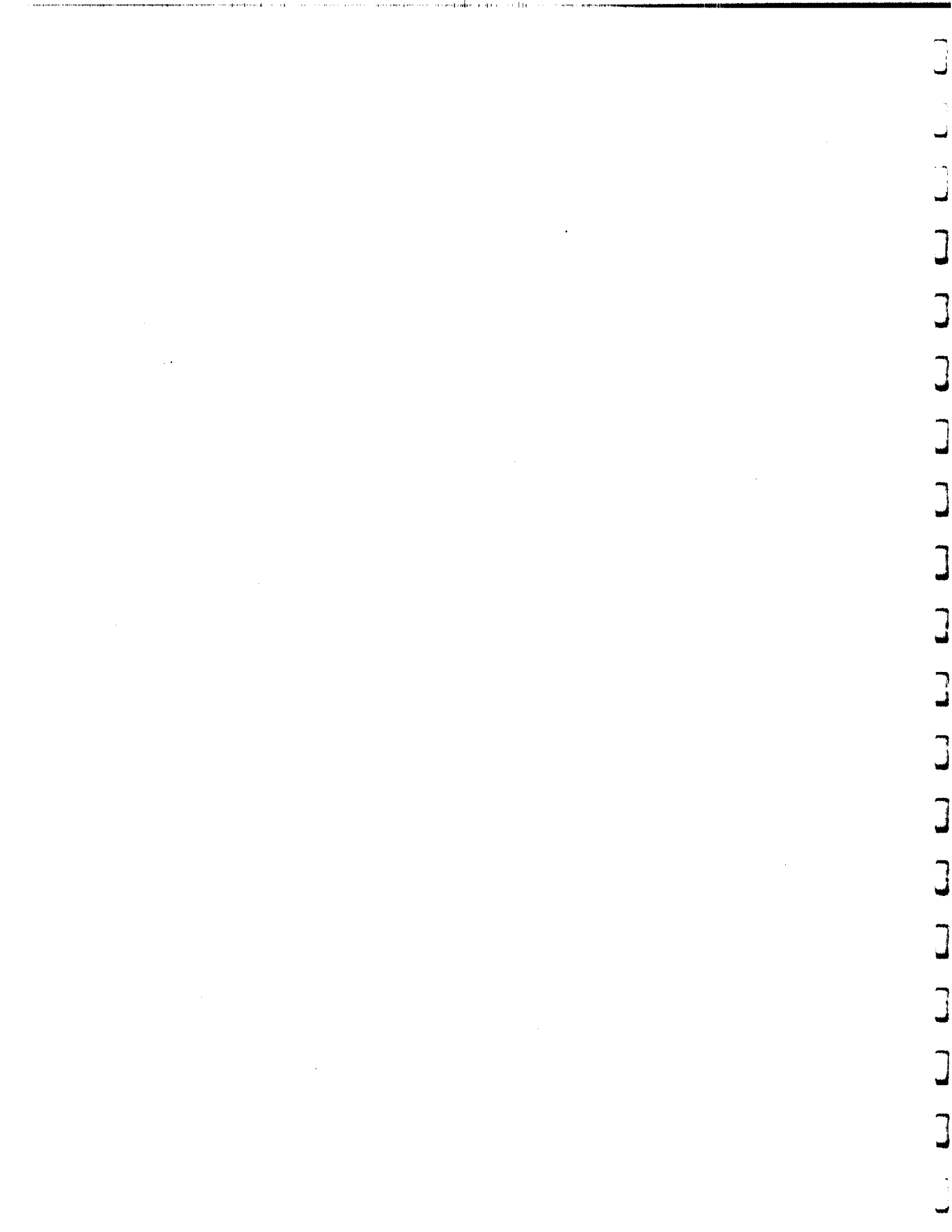
I look forward to continuing to work to make the Comprehensive Conservation and Management Plan successful in protecting the important resources of the Bays.

Cordially,



Trudy Cox

cc: Diane M. Gould, Ph.D., MBP
Peg Brady, CZM





THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
OFFICE OF COASTAL ZONE MANAGEMENT
100 CAMBRIDGE STREET, BOSTON, MA 02202
(617) 727-9530 FAX: (617) 727-2754

April 3, 1996

Re: Coastal Zone Management Office Commitment to the Massachusetts
Bays Program CCMP

To Whom it May Concern:

The Massachusetts Coastal Zone Management Office (CZM) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Through this letter, CZM confirms its commitment to the following actions:

**Action Plan for Managing Centralized Wastewater Treatment
Facilities**

CZM will work collaboratively to develop and implement an effective program for monitoring and enforcing point source discharges from wastewater treatment plants and energy-producing facilities. Consistent with the EOEAs Basin Management Initiative, DEP and CZM will re-evaluate the effectiveness of the current NPDES program and, with EPA, will redesign the program to achieve effective pollution reduction, including pollution trading and other innovative "offsets/credits" models. CZM, with DEP and EOEAs, will pursue state legislation to modify the Massachusetts Clean Waters Act to meet EPA requirements for NPDES delegation. Legislation has been before the state legislature for some time without additional action. CZM, with DEP, will assemble an interagency team to develop criteria for a routine comprehensive evaluation of coastal WWTP discharges. The evaluation will focus on permit compliance and pollution removal effectiveness to assist in prioritizing key issues within coastal watersheds. Priorities thus identified will be used to focus state agency actions.

Action Plan for Enhancing Public Access and the Working Waterfront

CZM will enhance the Designated Port Area program with new planning and promotional initiatives.

Target Date: Initial steps toward development of a DPA Planning/Promotion Program is being given high priority within CZM during the 1995-1996 fiscal year.

CZM will establish a new technical assistance program to accelerate municipal efforts to identify and legally reclaim historic rights-of-way to the sea. Phase One will include support resources for municipal use, including a case history, a "practioners handbook" and a series of workshops.



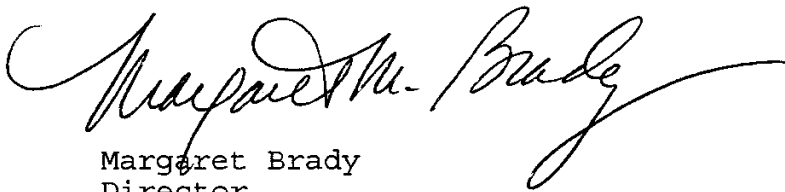
Target Date: Phase One will be completed during FY 1995-1996; Phase Two will be initiated during FY 1996-1997.

CZM, in collaboration with the Department of Environmental Management and MassGIS, will prepare and distribute a statewide Coastal Access Guide to facilitate public access to the shoreline.

Target Date: The first volume of the public access guide was published during the summer of 1995. Other volumes will follow as soon thereafter as the necessary GIS information becomes available.

I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Sincerely,

A handwritten signature in cursive script, reading "Margaret M. Brady". The signature is fluid and elegant, with a long, sweeping underline that extends to the right.

Margaret Brady
Director

cc: Diane M. Gould, Ph.D.
Executive Director, Massachusetts Bays Program



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ONE WINTER STREET, BOSTON MA 02108 (617) 292-5500

WILLIAM F. WELD
Governor

ARGEO PAUL CELLUCCI
Lt. Governor

TRUDY COXE
Secretary

DAVID B. STRUHS
Commissioner

27 February 1996

Peg Brady
Director
Coastal Zone Management Program
100 Cambridge Street, Room 2006
Boston, Massachusetts 02202

RE: DEP Commitment to the Massachusetts Bays Program CCMP Actions

Dear Peg:

The Department of Environmental Protection (DEP) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months, DEP has evaluated the goals, objectives, and commitments outlined in the draft CCMP. Many of the actions required by this important document fall to DEP for implementation. We take this responsibility seriously. The following attachment summarizes the major DEP commitments and target dates for completing them.

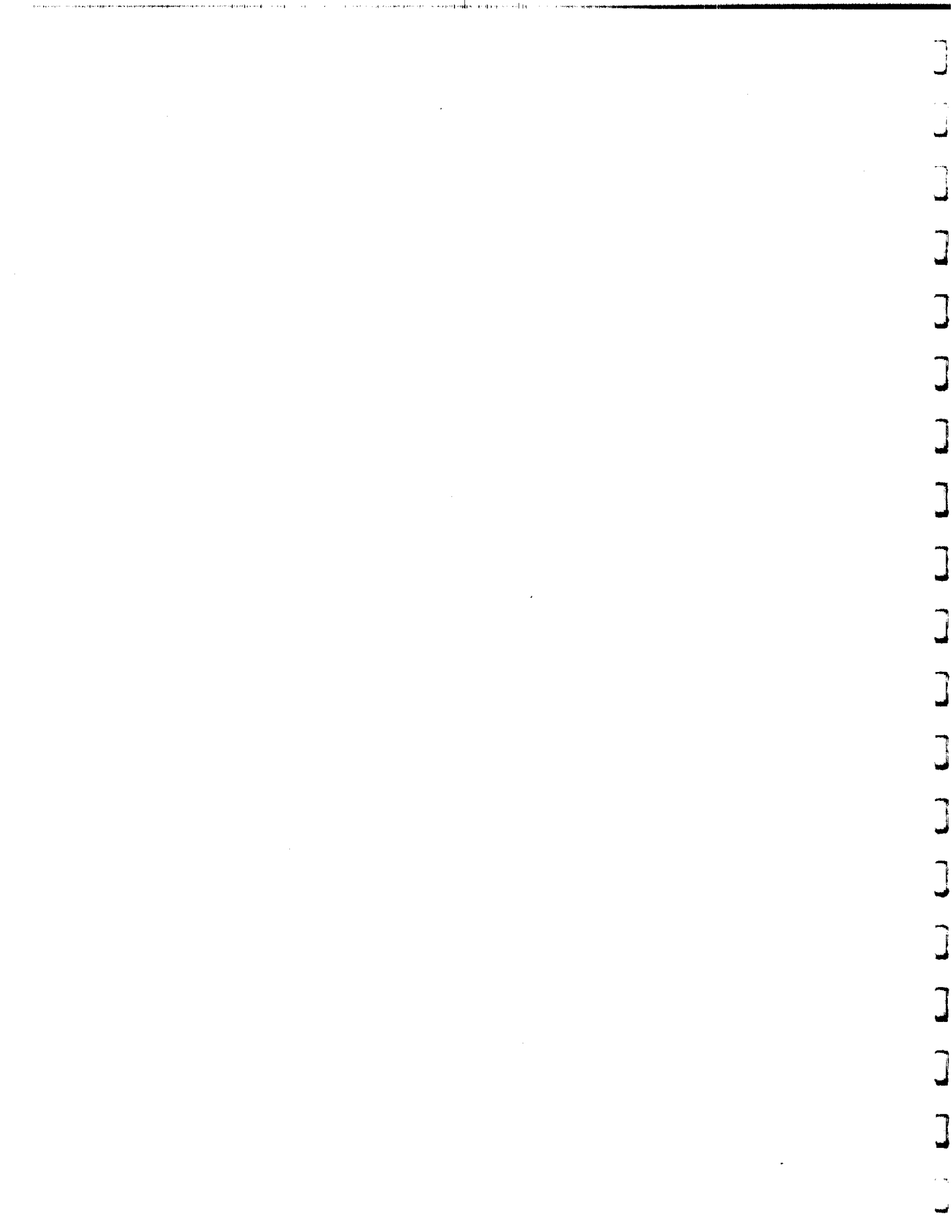
I believe that the single most critical ingredient that will contribute to the overall success of the Mass Bays CCMP is its integration into EOE's basin schedule. While the recommended actions in this plan are important, they can be further strengthened by integrating the Mass Bays program into the watershed initiative schedule. This will allow all the agencies to better implement the CCMP, identify "hot spots," and strategically target limited resources to address the most critical issues in the contributing watersheds in the most cost-effective manner.

Based on our review of the draft document, we believe that the goals of the CCMP can be met by the cooperative relationship of DEP and local environmental officials, with financial support from EPA and the state budget. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Sincerely,

David B. Struhs
Commissioner

Attachment



DEP COMMITMENTS FOR IMPLEMENTING THE CCMP

Protecting and Enhancing Coastal Habitat

DEP will complete its statewide inventorying and mapping of coastal and inland wetlands, and provide local conservation commissions with: 1) accurate base maps depicting wetlands boundaries and 2) instruction on proper wetlands map interpretation and use.

Target Date:

Funding permitting, orthophoto wetlands maps for the following regions are projected to be available by the end of 1996:

- Metro/Suburban Boston
- Buzzards Bay (West Shore)
- MDC Watersheds (Sudbury, Quabbin, Wachusett)
- Portions of North Shore (Ipswich, Rowley and Parker River Watershed)
- City of Cambridge Water Supply Watershed Area
- Fort Devens Area
- Merrimack Valley

Reducing and Preventing Stormwater Pollution

DEP, in collaboration with Regional Planning Agencies, Natural Resources Conservation Service/MassCAP, and Massachusetts Coastal Zone Management Office, will: 1) disseminate its Nonpoint Source Management Manual and Urban Best Management Practices for Massachusetts, and 2) sponsor public workshops to educate local officials about best management practices and performance standards for controlling stormwater runoff.

Target Date:

Planning and development of workshops and handout materials - 1996

Publicizing and holding of workshops - 1996 and 1997

DEP will develop a coordinated and streamlined regulatory system within DEP to assure effective implementation of the stormwater components of the Massachusetts Clean Water Act, Wetlands Protection Act, and Federal Stormwater Program (Federal Clean Water Act, Sections 401 and 402).

Target Date:

This action is expected to be implemented by DEP according to the following schedule:

<u>Task</u>	<u>Projected Completion Date</u>
Develop/adopt stormwater performance standards	Spring 1996
Develop BMP manual and related guidance	June 1996
Revise policies/regulations	June 1997
Prepare/distribute outreach materials	Winter-Spring 1996
Select implementation target areas (as part of the EOEa basin program)	1996

Reducing and Preventing Oil Pollution

DEP, in collaboration with the U.S. Coast Guard, EPA, and NOAA, will implement the recently developed Policy on the Use of Oil Spill Chemical Counter Measures (Dispersants) to protect coastal resources from the adverse effects of oil spills.

Target Date:

1996 for developing an implementation strategy. Implementation of the policy on dispersants will be ongoing.

Managing Municipal Wastewater

DEP will evaluate and build upon the centralized statewide repository for testing information on alternative technologies, to be established as part of the Buzzards Bay Project's two-year Environmental Technology Initiative (ETI) Project.

Target Date:

The ETI model will begin in 1996 and conclude in 1998. DEP evaluation of the clearinghouse function will take place throughout the project, with a follow-up DEP implementation strategy in place at the conclusion of the project.

DEP will work collaboratively with EPA, EOEa, and CZM to develop and implement an effective program for monitoring and enforcing point source discharges from wastewater treatment plants and energy producing facilities. Consistent with the EOEa Basin Management Initiative, DEP will work with CZM to re-evaluate the

effectiveness of the current NPDES program and with EPA, redesign the program to achieve effective pollution reduction, including pollution trading and other innovative "offsets/credits" models. DEP, in coordination with EOE and CZM, will pursue state legislation to modify the Massachusetts Clean Waters Act to meet EPA requirements for NPDES delegation. DEP, with CZM, will assemble an interagency team to develop criteria for routine comprehensive evaluation of coastal wastewater treatment plant discharges. The evaluation will focus on permit compliance and pollution removal effectiveness to assist in prioritizing key issues within coastal watersheds. priorities thus established will be used to focus state agency program actions.

Managing Nitrogen-Sensitive Embayments

DEP will strengthen Massachusetts Water Quality Standards to enhance and protect nitrogen-sensitive coastal embayments.

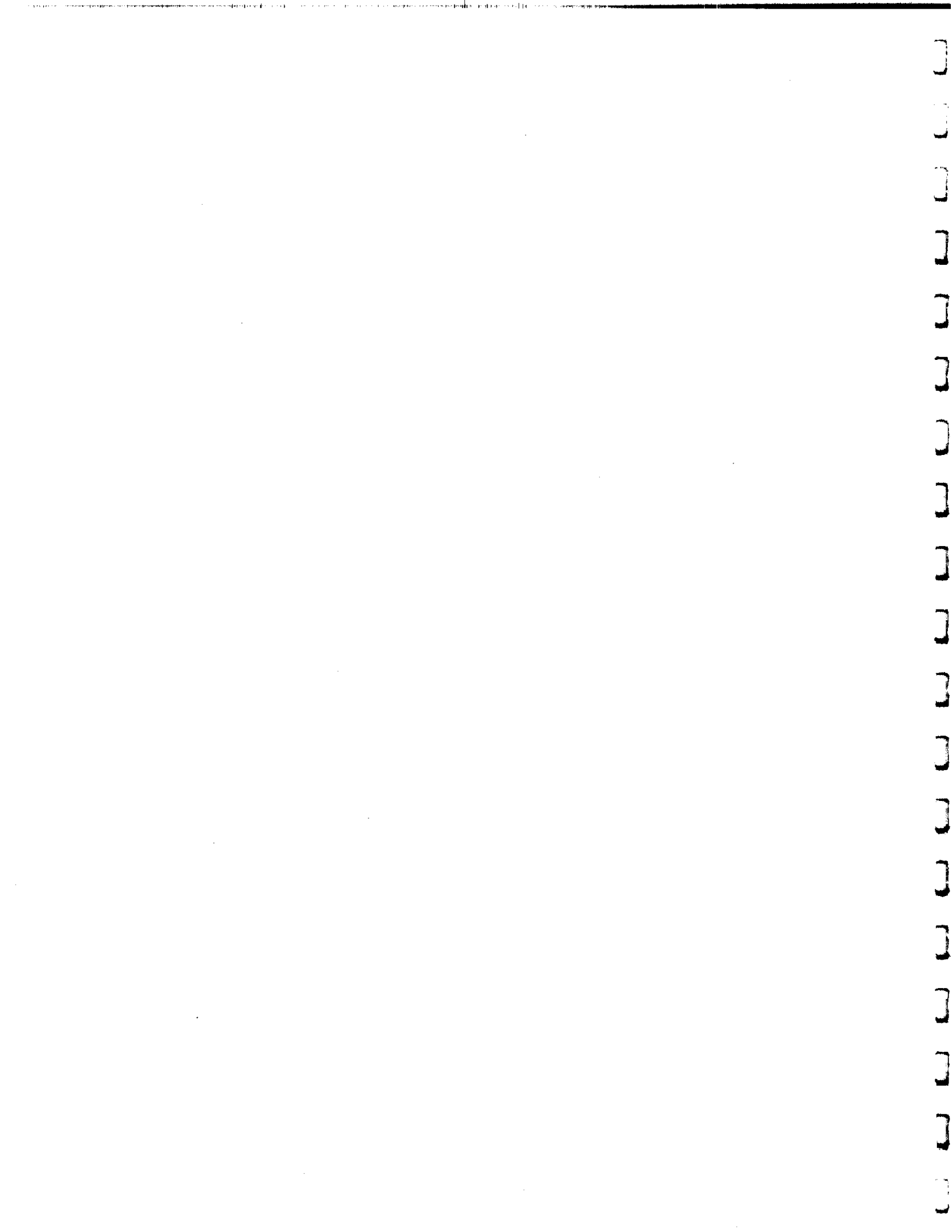
Target Date:

Initial proposal(s) for designating nitrogen-sensitive embayments -1998 revisions to Massachusetts Water Quality Standards.

DEP will collaborate with municipalities and Regional Planning Agencies to expand upon current Massachusetts Bays Program efforts to identify nitrogen-sensitive embayments, determine critical loading rates, and recommend actions to manage nitrogen so as to prevent or reduce excessive nitrogen loading to coastal waters and ground water.

Target Date:

Mass Bays Program, in conjunction with DEP and CZM, will begin identifying and prioritizing nitrogen-sensitive embayments in 1996/1997. The development and implementation of appropriate local and areawide nitrogen management measures should begin in 1997/1998.





COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 CAMBRIDGE ST., BOSTON, MA 02202 617-727-3180 FAX 727-9402



January 31, 1996

William F. Weld
GOVERNOR

Argeo Paul Cellucci
LT. GOVERNOR

Trudy Coxe
SECRETARY

Peter C. Webber
COMMISSIONER

Peg Brady, Director
Coastal Zone Management Program
100 Cambridge Street, Room 2006
Boston MA 02202

Re: DEM Commitment to the Massachusetts Bays Program
CCMP Actions

Dear Peg:

The Department of Environmental Management (DEM) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months, DEM has evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on this review, we believe that the goals of the CCMP can be met by the cooperative relationship of DEM and other state agencies and local environmental officials, supported by federal agencies such as EPA. In particular, and through this letter, DEM confirms its commitment to the following actions:

Action Plan for Protecting and Enhancing Coastal Habitat

- DEM will develop and implement Resource Management Plans for all DEM-owned coastal properties. Target date: 1996-1998.
- DEM will develop and promote the use of river basin planning data and analyses to facilitate responsible water resources planning and management at the local and regional level. Target date: DEM will participate in the ongoing EOE five-year planning schedule.
- DEM will acquire and protect coastal properties that possess outstanding resources and public recreation opportunities. Target date: Ongoing as opportunities and additional funding becomes available.

Action Plan for Managing Municipal Wastewater

- In collaboration with other state and federal agencies, DEM will continue to implement the Ocean Sanctuaries Act by closely monitoring all facilities plans which propose to increase wastewater treatment plant discharges into an ocean sanctuary. Target date: Ongoing.

Action Plan for Planning for a shifting coastline

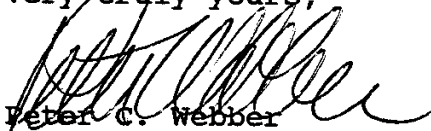
- DEM will assist communities in the development of effective Floodplain Management by-laws that address this issue. Target date: Ongoing.

Saugus River Flood Control Project

- DEM will continue to work with coastal communities and the COE to implement cost-effective and environmentally-sound flood control measures and to strengthen local flood protection by-laws as appropriate.

I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Very truly yours,



Peter C. Webber
Commissioner

cc: Leslie Luchonok, DEM
Deborah Graham, DEM
Diane Gould, Mass Bays Program



Department of Fisheries, Wildlife & Environmental Law Enforcement

John C. Phillips, *Commissioner*

February 23, 1996

Ms. Peg Brady, Director
Coastal Zone Management Program
100 Cambridge Street, Room 2006
Boston, MA 02202

RE: DFWELE Commitment to the Massachusetts Bay Program CCMP
Actions

Dear Peg:

The Department of Fisheries, Wildlife & Environmental Law Enforcement (DFWELE) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months, DFWELE has evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on this review, we believe that the goals of the CCMP can be met by the cooperative relationship of DFWELE and other state agencies and local environmental officials, and through this letter, DFWELE confirms its commitment to the following actions:

Action Plan for Protecting and Enhancing Shellfish Resources

The Division of Marine Fisheries (DMF) will conduct three Sanitary Survey Training Sessions annually - one each on the North Shore, Metro-Boston/South Shore, and Cape Cod - to educate local shellfish constables and health officers on the proper techniques for identifying and evaluating pathogen inputs into shellfish harvesting areas.

Target Date: Ongoing

DMF will develop and administer a local Shellfish Management Grants Program to help communities finance the development and implementation of effective local shellfish management plans.

Target Date: This program will be developed as soon as funding is authorized and implement shortly thereafter.

100 Cambridge Street · Room 1901 · Boston, MA 02202 (617) 727-1614 FAX 727-2566

An Agency of the Executive Office of Environmental Affairs
Trudy Coxe, *Secretary*

Protecting and Enhancing Coastal Habitat

DMF will prepare an up-to-date inventory of anadromous fish runs in the Massachusetts Bays region and develop a strategy to prioritize, restore and maintain these runs.

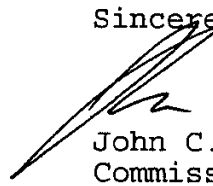
Target Date: 1996

DMF, in collaboration with the Riverways Program, will develop and implement a citizen-based Fishway Stewardship Program to restore and maintain anadromous fish runs along the Massachusetts Bays coast.

Target Date: Ongoing

DFWELE takes these commitments seriously. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Sincerely,



John C. Phillips
Commissioner

JCP/dmm



The Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Office of Technical Assistance, Suite 2109
100 Cambridge Street, Boston, 02202

WILLIAM F. WELD
GOVERNOR

ARGEO PAUL CELLUCCI
LIEUTENANT GOVERNOR

TRUDY COXE
SECRETARY

BARBARA KELLEY
DIRECTOR

Tel: (617) 727-3260
Fax: (617) 727-3827

February 2, 1996

Peg Brady
Director
Coastal Zone Management Program
Room #2006
100 Cambridge Street
Boston, MA 02202

Re: Office of Technical Assistance Commitment to the Massachusetts Bays Program CCMP
Actions

Dear Ms. Brady:

The EOEa Office of Technical Assistance (OTA) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months, OTA has evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on this review, we believe that the goals of the CCMP can be met by the cooperative relationship of MHD, other state agencies and local environmental officials, supported by federal agencies such as EPA. In particular, and through this letter, OTA confirms its commitment to the following action:

Action Plan for Reducing and Preventing Toxic Pollution

OTA will perform on-site assessments and provide instructional materials to help businesses and industries in the Massachusetts Bays region reduce the use of toxic substances.

Implementation Strategy - OTA will implement its Toxics Use Reduction (TUR) program by offering the following non-regulatory services at no charge:

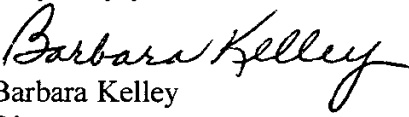
- Perform on-site assessments designed to help businesses.

- Respond to telephone and written requests for general information about TUR and specific information about the legal requirements of the Toxics Use Reduction Act.
- Sponsor conferences, workshops, seminars, and trade fairs to disseminate information about TUR technologies.
- Promote alternative manufacturing processes that reduce toxic substance use, hazardous waste generation, toxic air emissions, and wastewater discharge.

Target Date - 1996 and annually thereafter.

OTA takes this commitment seriously. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Very truly yours,


Barbara Kelley
Director

BGK/tdf



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
250 Washington Street, Boston, MA 02108-4619

WILLIAM F. WELD
Governor

ARGEO PAUL CELLUCCI
Lieutenant Governor

GERALD WHITBURN
Secretary

DAVID H. MULLIGAN
Commissioner

RECEIVED

MAR 11 1996

March 5, 1996

Ms. Peg Brady, Director
Coastal Zone Management
100 Cambridge Street
Room 2006
Boston, MA 02202

Dear Ms. Brady:

As you know, the Department of Public Health (DPH) supports the efforts of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months the Bureau of Environmental Health Assessment (BEHA), under its Director Suzanne Condon, has evaluated and reviewed the goals and commitments outlined in the draft CCMP. Based on this review, we believe that the objectives of the CCMP can be met through the cooperative relationships among DPH, other state and federal agencies and local environmental officials. In particular, DPH confirms its commitment to the following action:

Action Plan for Public Health

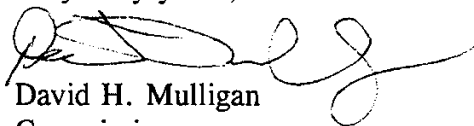
The DPH will establish a central clearinghouse program for all beach testing and closure information generated for Massachusetts coastal public beaches.

Target Date

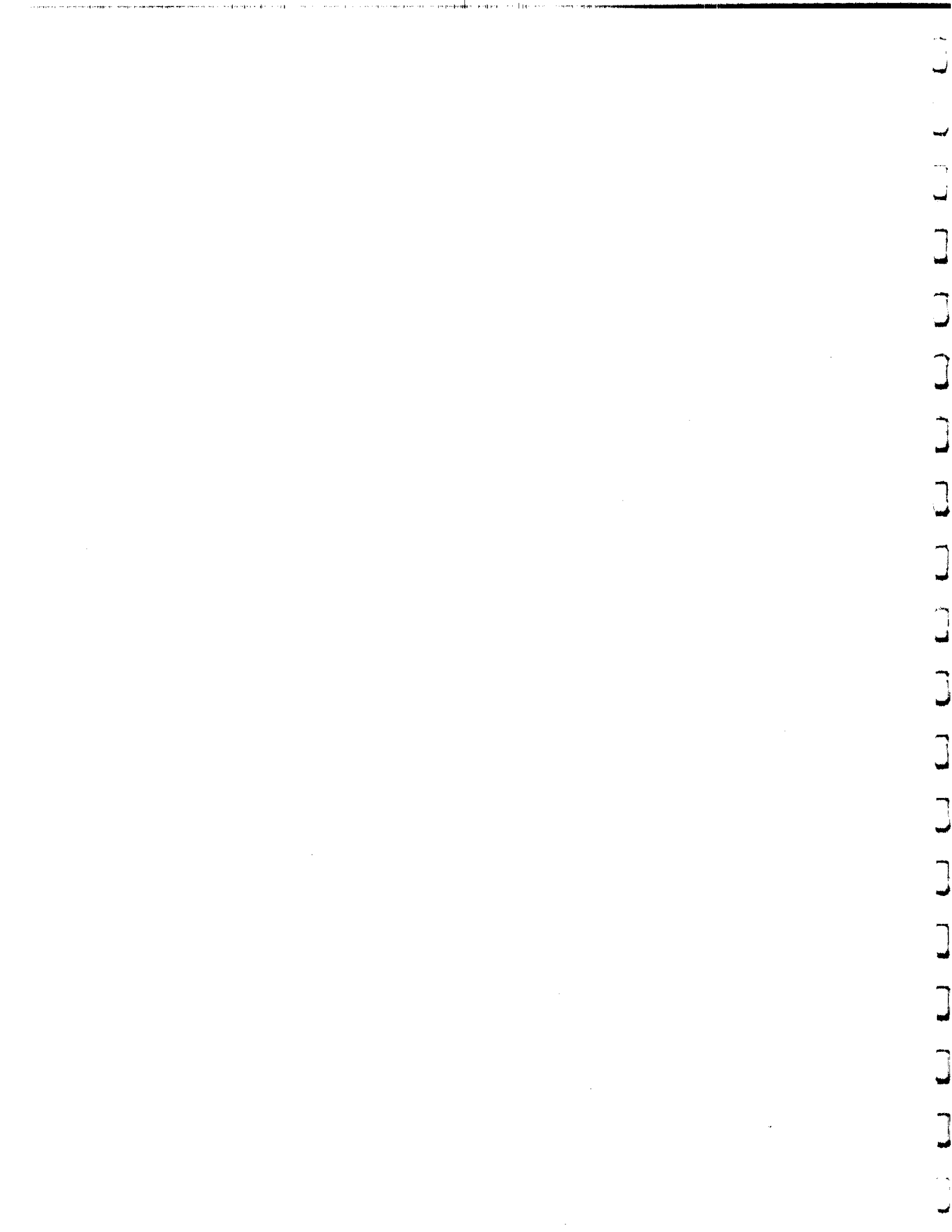
Initiation and implementation of this project has been ongoing within BEHA since July 1995. Data collection for this project will continue into 1996. Dependant on annual funding the project will become part of DPH's ongoing operation.

We look forward to working together to make the Massachusetts Bays CCMP successful.

Very truly yours,


David H. Mulligan
Commissioner

SKC/tp





The Commonwealth of Massachusetts

Department of Education

350 Main Street, Malden, Massachusetts 02148-5023

(617) 388-3300
(617) 388-3392 Fax

Robert V. Antonucci
Commissioner

Dr. Diane Gould
Mass Bays Program, Executive Director
100 Cambridge Street, Room 2006
Boston, MA 02202

Re: Department of Education Commitment to the Massachusetts Bays Program CCMP Actions

Dear Dr. Gould:

The Department of Education (DOE) has taken an active role in the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). DOE has evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on this review, we believe that the goals of the CCMP can be met by the cooperative relationship of DOE, other state agencies and local environmental officials, supported by federal agencies such as EPA. In particular, and through this letter, DOE confirms its commitment to the following actions:

Action Plan for Enhancing Public Education and Participation

The DOE, in collaboration with the Executive Office of Environmental Affairs, will continue to develop and integrate environmental education as an important component of the curriculum in the public schools of the Commonwealth, making broad use of the Benchmarks for Environmental Education developed by the Secretary's Advisory Group on Education (SAGEE). We believe that funding will occur through local school budgets.

Target date: 1996

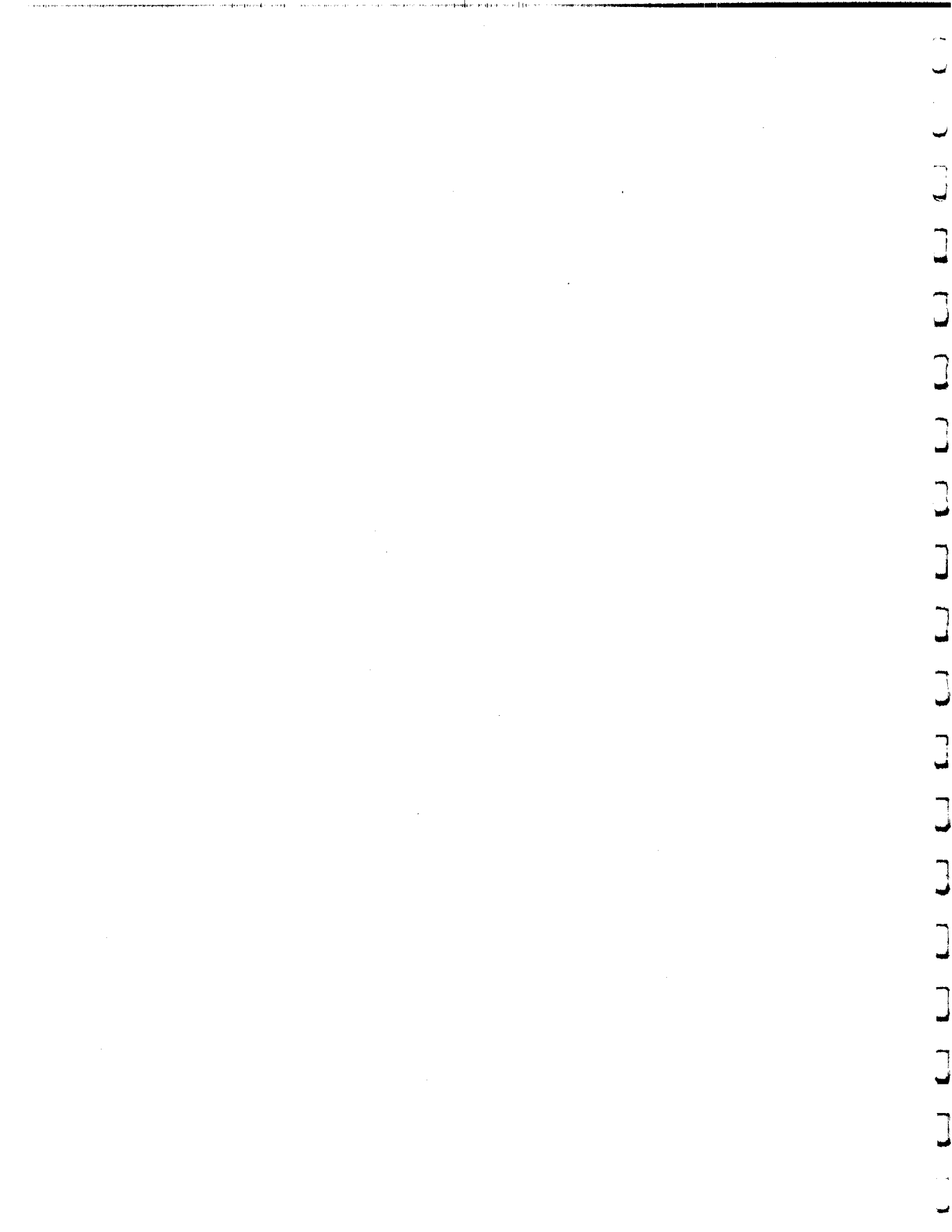
DOE will empower exemplary teachers, administrators, and/or schools, who demonstrate the competence, to carry out formal and non-formal education initiatives that complement the Commonwealth's environmental education program.

Target date: 1996

DOE takes these commitments seriously. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Very truly yours,

Robert V. Antonucci
Commissioner of Education





MASSACHUSETTS WATER RESOURCES AUTHORITY

Charlestown Navy Yard
100 First Avenue
Boston, Massachusetts 02129

Telephone: (617) 242-6000
Facsimile: (617) 241-6070

February 6, 1996

Peg Brady
Director
Coastal Zone Management Program
Room 2006, 100 Cambridge Street
Boston, MA 02202

Dear Peg:

The Massachusetts Water Resources Authority strongly supports the effort of the Massachusetts Bays Program (MBP) to develop research and action agendas to protect, maintain, and where necessary, restore or improve the Massachusetts Bay and Cape Cod Bay ecosystem.

Over the past several months MWRA along with others has provided input into the development of the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP), including the specific section entitled "Boston Harbor Project: Upgrading Sewage Treatment in the Metro Boston Area." This component of the CCMP includes actions which MBP believes the MWRA should take.

A number of the recommended actions, specifically those which support appropriate budgeting, operation and maintenance of the sewer system and treatment facilities; continued aggressive enforcement of industrial permits; education of the public about proper use of the sewer system; elimination of CSOs where deemed appropriate by a public review process; and appropriate monitoring of the health of the ecological community, are ones to which the MWRA has already committed itself and which it will continue to undertake wholeheartedly. A small number of the recommendations refer to matters subject to the ongoing decision-making processes of the MWRA Board of Directors who will be informed of the CCMP at an upcoming meeting.

In general we believe that the goals of the CCMP can be met through the cooperative commitment of MWRA, state and federal agencies and local environmental officials to work together, and we look forward to continuing to work with these groups to make the Massachusetts Bays CCMP successful in protecting the resources of the bays.

Very truly yours,

Douglas B. MacDonald
Executive Director



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MASS**HIGHWAY**William F. Weld
GovernorArgeo Paul Cellucci
Lieutenant GovernorJames J. Kerasiotes
SecretaryLaurinda T. Bedingfield
Commissioner

Office of the Commissioner

February 15, 1996

Margaret Brady, Director
Coastal Zone Management Program
Room 2006
100 Cambridge Street
Boston, MA 02202

Re: Massachusetts Bays Program 1995 Comprehensive Conservation
and Management Plan (CCMP) Actions

Dear Ms. Brady,

I would like to take this opportunity to thank you for including the Massachusetts Highway Department in the MassBays Program and working with my staff on the development of action plans to further protect the resources of the Commonwealth. As they relate to serving the public's interest, our missions are not inconsistent and I believe we can both achieve our goals to provide a quality transportation infrastructure while protecting the environment. We have evaluated the goals, objectives and commitments outlined in the draft CCMP. Based on this review, I am in general agreement with the content and substance of the various implementation strategies and believe that the goals can be met through the continuing cooperative relationship which has developed among the State and Federal transportation and environmental agencies. Target dates were obviously developed based upon the expectations projected over the last two years. These time frames will be affected by funding availability, staffing levels and operational priorities of both of our agencies.

With respect to the Action Items recommended for the Highway Department, I have the following comments.

1. Item 4.6 Development of an Environmental Manual

This initiative is currently being pursued by the Highway Department through the Environmental Division. A consultant has been selected and final negotiations are in progress. The initial outreach program is being conducted by the Highway Department through various partnering and interagency cooperative efforts. We anticipate development of the Manual itself during 1996. I would expect to issue the Manual in early 1997.

2. Item 4.7 Identification and Prioritization of Stormwater Discharge Problems

Since the initiation of discussions with MassBays on the CCMP, a number of programs have been implemented at the state level. The 1994 Transportation Bond Bill included \$4 million for a grant program for projects to improve stormwater drainage facilities along roads, highways and bridges located in the watersheds within the coastal zone. The grant program is being

administered by CZM and is expected to effect significant improvements to coastal resources which have been adversely impacted by roadway storm drainage systems. Additionally, assessments of pollution threats throughout the state are being conducted through the Mini Bays programs and through the EOEa Watershed Basin Team studies. As noted in the rationale for this particular Action Item, MassHighway is tasked with the responsibility to maintain a safe and efficient roadway network for the Commonwealth. This equates to the design and construction of approximately \$400 million of infrastructure improvements annually, exclusive of the Central Artery/Third Harbor Tunnel Project. We believe that the assessment and evaluation of stormwater concerns on a statewide basis should rest with the environmental agencies. In our efforts to put forth a comprehensive transportation improvement program, priorities are based mainly on safety, access and mobility issues. However, as existing stormwater pollution priorities are developed under the aforementioned CZM, DEP and EOEa programs, MassHighway will continue to internally evaluate the need for stormwater improvements and incorporate assessment recommendations on a project by project basis as roadway and bridge work is scheduled.

3. Item 4.8 Training Programs on Stormwater BMPs

MassHighway provides technical training and information to municipal highway and public works departments through funding of the Bay State Roads Program. This calendar year, three programs on stormwater drainage are scheduled by Bay State Roads. As the annual program is planned and any manuals and handbooks are developed, current issues and topics of concern such as stormwater BMPs will be included.

4. Item 4.9 Policy on Tie-ins to Highway Storm Drainage Systems

Given the DEP's initiative on stormwater standards, it is critical that tie-ins to state highway drainage systems address water quality. I intend to discuss with the Chief Engineer the formation of an internal task force at MassHighway to coordinate the development of a policy regarding tie-ins to assure that cost-effective and technically sound standards are applied to drainage tie-in permits. In an effort to minimize the cost and extent of infrastructure improvements which will be required by MassHighway to meet DEP standards, a policy regarding tie-ins is warranted. The policy must be "practicable," that is, require actions which can be implemented at reasonable cost and effort in order to achieve improved water quality while not prohibiting responsible economic development.

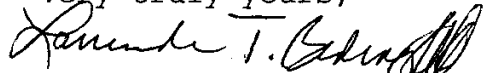
Brady

February 15, 1996

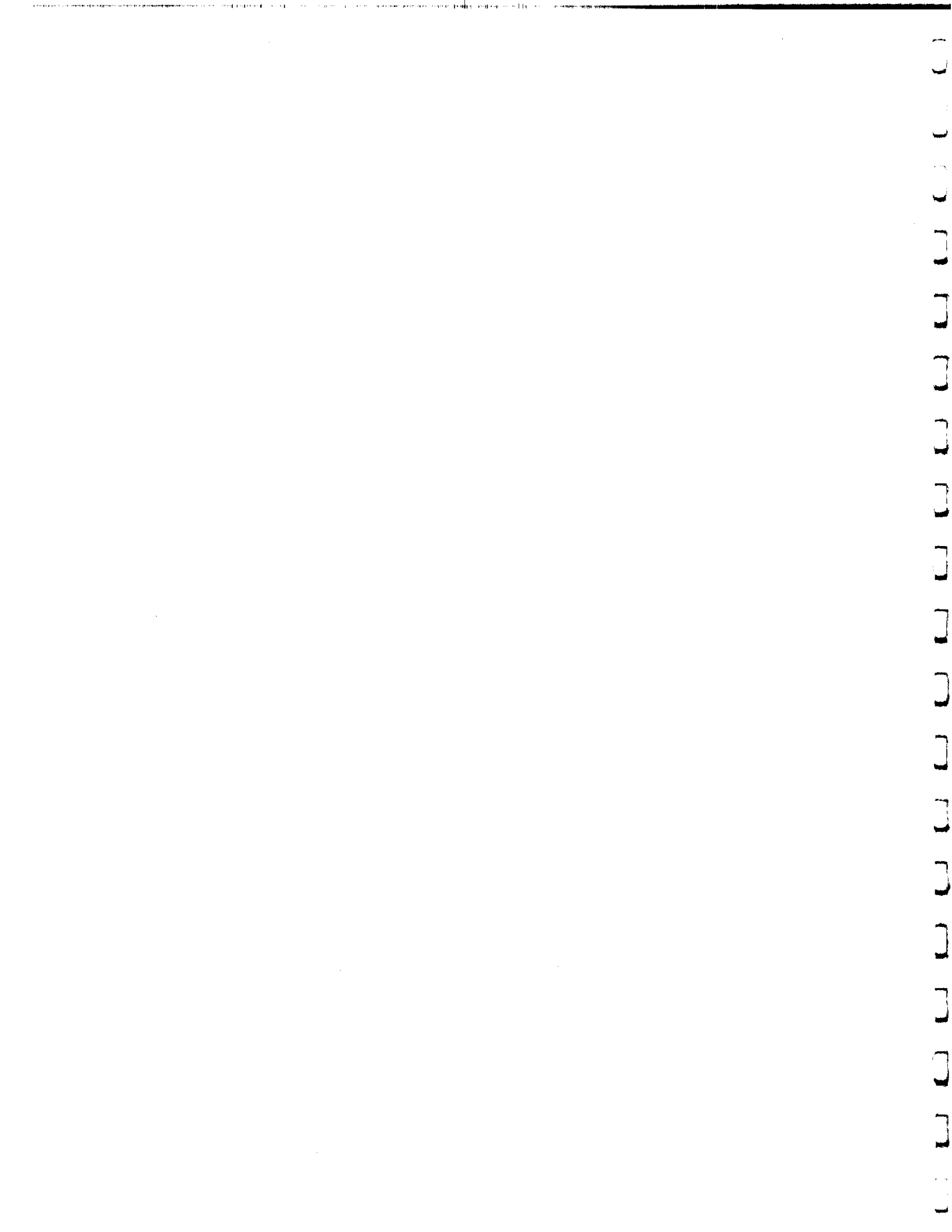
-3-

I look forward to continuing the working relationship which has been established with Coastal Zone Management and the MassBays Program to successfully accomplish the goals of the CCMP. You are to be commended on your keen foresight on the development of this Plan.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Laurinda T. Bedingfield", with a stylized flourish at the end.

Laurinda T. Bedingfield
Commissioner



MASSPORT MARITIME DEPARTMENT, EAST BLDG. II, FISH PIER,
NORTHERN AVENUE, BOSTON, MA 02210 (617) 973-5354 FAX: (617) 973-5357



January 26, 1996

Margaret M. Brady, Director
Office of Coastal Zone Management
Commonwealth of Massachusetts
Executive Office of Environmental Affairs
100 Cambridge Street
Boston, MA 02202

JAN 31 1996

Dear Peg:

The Massachusetts Port Authority (Massport) has taken an active role in commenting on the Massachusetts Bays Program Comprehensive Conservation and Management Plan (CCMP). Over the past few months, Massport has evaluated the goals, objectives, and commitments outlined in the draft CCMP. Based on this review, we believe that many of the goals of the CCMP can be met by the cooperative relationship of Massport, state agencies, local environmental offices, and federal agencies such as the Corps of Engineers and EPA.

As you know, Massport is the local sponsor of the Corps of Engineers' Boston Harbor Navigation Improvement Project, known also as the Boston Harbor dredging project. As project partners, Massport and the Corps have moved the project in tandem, through the state and federal environmental review processes. The project, as currently proposed, reflects environmental, economic, and engineering concerns of both the project partners and many interested parties, including the state environmental agencies.

As a matter of federal law, the Corps will prepare the contract bid documents and issue the construction contracts necessary to complete all aspects of the Boston Harbor dredging project. The contracts will certainly require compliance with all environmental permits. In the development of the construction bid documents, Massport will continue to work with the Corps to encourage including other appropriate environmental performance standards into the construction contracts. Massport will, in all likelihood, have no formal contractual relationship with the dredging contractor. Even in the privately-owned berths, it is expected that the Corps will maintain control over the dredging contractor. Consequently, it remains a Massport priority to have enforceable performance standards included in the dredging contract.

It is expected that the Corps will include specific monitoring requirements in the construction contract. In addition, Massport will work with the Corps to assure that adequate independent monitoring of the dredging and disposal work during construction and to assure periodic monitoring of the cap is conducted. Post-construction monitoring is the sole responsibility of the Corps of Engineers.

Massport will provide planning assistance to the Commonwealth for future disposal of contaminated maintenance material. In the Final Environmental Impact Report submitted to the Commonwealth in June 1995 Massport provided the results of a major information-gathering exercise in the area of alternative technologies. We will continue to work with the state in pursuit of long-term solutions.

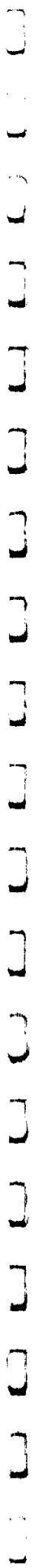
Massport takes these commitments very seriously. I look forward to working together to make the Massachusetts Bays CCMP successful in protecting the important resources of the Bays.

Very truly yours,


Ralph F. Cox
Maritime Director

OPERATING: BOSTON LOGAN INTERNATIONAL AIRPORT • PORT OF BOSTON GENERAL CARGO AND PASSENGER TERMINALS • TOBIN
MEMORIAL BRIDGE • HANSCOM FIELD • BOSTON FISH PIER • COMMONWEALTH PIER (SITE OF WORLD TRADE CENTER BOSTON)







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RESOLUTION OF SUPPORT
for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"
for
MASSACHUSETTS AND CAPE COD BAYS

WHEREAS, the Massachusetts and Cape Cod Bays are public resources of inestimable value which contribute greatly to the environmental, economic, recreational, and cultural well-being of the Merrimack Valley region and the Commonwealth of Massachusetts; and

WHEREAS, the Massachusetts and Cape Cod Bays are threatened by deteriorating environmental quality that poses a risk to the public and ecological health and quality of life; and

WHEREAS, the watershed areas draining to Massachusetts and Cape Cod Bays cross multiple municipal boundaries; and the future health of the Bays depends on the ability of neighboring communities to plan and work cooperatively to protect their shared resources; and

WHEREAS, MVPC has actively participated in the development of the Massachusetts Bays Program's Comprehensive Conservation and Management Plan (CCMP) that is designed to protect and enhance the Bays' resources; and has sponsored and actively supported the Eight Towns and the Bay Committee (8T&B) of the coastal communities of the Upper North Shore;

NOW, THEREFORE, BE IT RESOLVED, that MVPC agrees to work cooperatively with the Massachusetts Bays Program, the Eight Towns and the Bay Committee, the MVPC region's coastal and inland communities, Massachusetts and New Hampshire Regional Planning Agencies, and appropriate state and federal agencies to help implement the recommended actions contained in the CCMP's fifteen major Action Plans, as follows:

1. Protecting Public Health
2. Protecting and Enhancing Shellfish Resources
3. Protecting and Enhancing Coastal Habitat
4. Reducing and Preventing Stormwater Pollution
5. Reducing and Preventing Toxic Pollution
6. Reducing and Preventing Oil Pollution
7. Managing Municipal Wastewater
8. Managing Boat Wastes and Marina Pollution

160 Main Street
Haverhill, MA 01830
(508) 374-0519
Fax: (508) 372-4890



9. Managing Dredging and Dredged Materials Disposal
10. Reducing Beach Debris and Marine Floatables
11. Protecting Nitrogen-Sensitive Embayments
12. Enhancing Public Access and the Working Waterfront
13. Planning for a Shifting Shoreline
14. Managing Local Land Use and Growth
15. Enhancing Public Education and Participation

BE IT FURTHER RESOLVED, that MVPC embraces the model regional implementation strategy developed by the partners of the Massachusetts Bays Program (Massachusetts Bays Program, Regional Planning Agencies, and Local Governance Committees working through Regional Planning Agencies) as the best mechanism for delivering the broad array of technical and financial services needed by communities to implement the CCMP in a timely and cost-efficient manner so as to achieve lasting protection for the Bays and their resources.

Adopted by Vote

Date 2-15-96

Luther E. McIlwain

Luther E. McIlwain, Chairman
Merrimack Valley Planning Commission



Metropolitan Area Planning Council

60 Temple Place, Boston, Massachusetts 02111 617/451-2770 Fax 617/482-7185

Serving 101 cities and towns in metropolitan Boston

RESOLUTION OF SUPPORT
for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"
for
MASSACHUSETTS AND CAPE COD BAYS

Whereas, the Metropolitan Area Planning Council (M.A.P.C.) recognizes Massachusetts and Cape Cod Bays as significant public resources that contribute to the environmental, economic, recreational and societal health of the region; **and**

Whereas, MAPC recognizes that Massachusetts and Cape Cod Bays are threatened by deteriorating environmental quality that poses a threat to public health and quality of life; **and**

Whereas, MAPC recognizes that the drainage basins of Massachusetts and Cape Cod Bays cross municipal boundaries; that the future of the Bays depends upon the ability of neighboring communities to control the quality of their environment through regional communication and cooperation among municipal, regional, state, and federal agencies responsible for managing the Bays and their watersheds;

Whereas, MAPC has contributed to and reviewed the Massachusetts Bays Program's Comprehensive Conservation and Management Plan (CCMP) that is designed to protect and enhance the Bays' resources; **and**,

Whereas, the CCMP is consistent with and furthers the interests of **MetroPlan 2000**;

Be it therefore resolved, that MAPC endorses the Massachusetts Bays Program's CCMP, and agrees to cooperate in the implementation of the CCMP recommendations, including:

- to protect and enhance shellfish resources and coastal habitats;
- to reduce and prevent stormwater, oil and toxic pollution;
- to manage wastes from on-site sewage treatment systems, sewage treatment plants, and boats;
- to manage dredging and the disposal of dredged materials;
- to reduce beach debris;
- to protect nitrogen sensitive embayments;
- to enhance public access and the working waterfront;
- to plan for a shifting shoreline;
- to manage local land use and growth.

Adopted by vote of the Executive Committee

Date February 21, 1996

William G. Constable, President

William G. Constable, *President*

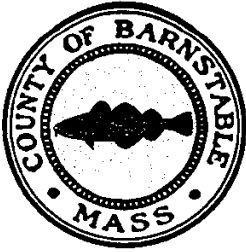
Richard A. Easler, *Vice-President*

Grace S. Shepard, *Secretary*

Leland G. Wood, *Treasurer*

David C. Soule, *Executive Director*





CAPE COD COMMISSION

3225 MAIN STREET
P.O. Box 226
BARNSTABLE, MA 02630
508-362-3828
FAX: 508-362-3136

RESOLUTION OF SUPPORT
for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"
for
MASSACHUSETTS AND CAPE COD BAYS

Whereas, Massachusetts and Cape Cod Bays are public resources of inestimable value that contribute greatly to the environmental, economic, recreational, and cultural well-being of the Cape Cod region as well as the Commonwealth of Massachusetts; and

Whereas, Massachusetts and Cape Cod Bays are threatened by deteriorating environmental quality that poses a risk to the public's health and quality of life, and to the ecological health of the bays; and

Whereas, the watershed areas of Massachusetts and Cape Cod Bays cross municipal boundaries and the future of the Bays depends upon the ability of neighboring communities to control the quality of their environment through regional communication and cooperation among municipal, regional, state, and federal agencies responsible for managing the Bays and their watersheds; and

Whereas, the Cape Cod Commission has actively participated in the development of the Massachusetts Bays Program's Comprehensive Conservation and Management Plan (CCMP), designed to protect and enhance the Bays' resources; and has actively supported the Cape Cod Coastal Resources Committee in its work;

Now, Therefore, Be It Resolved, that the Cape Cod Commission agrees to work cooperatively with the Massachusetts Bays Program, the fifteen Cape Cod towns, the Cape Cod Coastal Resources Committee, the other Massachusetts Regional Planning Agencies, and appropriate state and federal agencies to implement the CCMP's recommended actions to:

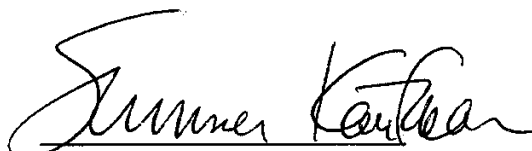
1. Protect public health
2. Protect and enhance shellfish resources and coastal habitats
3. Reduce and prevent stormwater, oil and toxic pollution
4. Manage municipal wastewater
5. Manage boat wastes and marina pollution
6. Manage dredging and disposal of dredged materials
7. Reduce beach debris
8. Protect nitrogen sensitive embayments

9. Enhance public access and the working waterfront
10. Plan for a shifting shoreline
11. Manage local land use and growth

Be It Further Resolved, that the Cape Cod Commission embraces the model regional implementation strategy developed by the Regional Planning Agencies the Local Governance Committees in partnership with the Massachusetts Bays Program, as the appropriate mechanism for providing technical and financial assistance to the Bays' communities to assist in implementing the CCMP in a timely and cost effective manner, so as to achieve long term protection of the Bays and their resources.

Adopted by vote

February 15, 1996



Sumner Kaufman
Chair



MASSACHUSETTS BAYS PROGRAM

100 Cambridge Street, Room 2006, Boston, Massachusetts 02202 (617) 727-9530 fax (617) 727-2754

RESOLUTION OF SUPPORT for the "COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN" for MASSACHUSETTS AND CAPE COD BAYS

Whereas, the undersigned municipalities recognize Massachusetts and Cape Cod Bays as significant public resources that contribute to the environmental, economic, recreational and societal health of the region; and

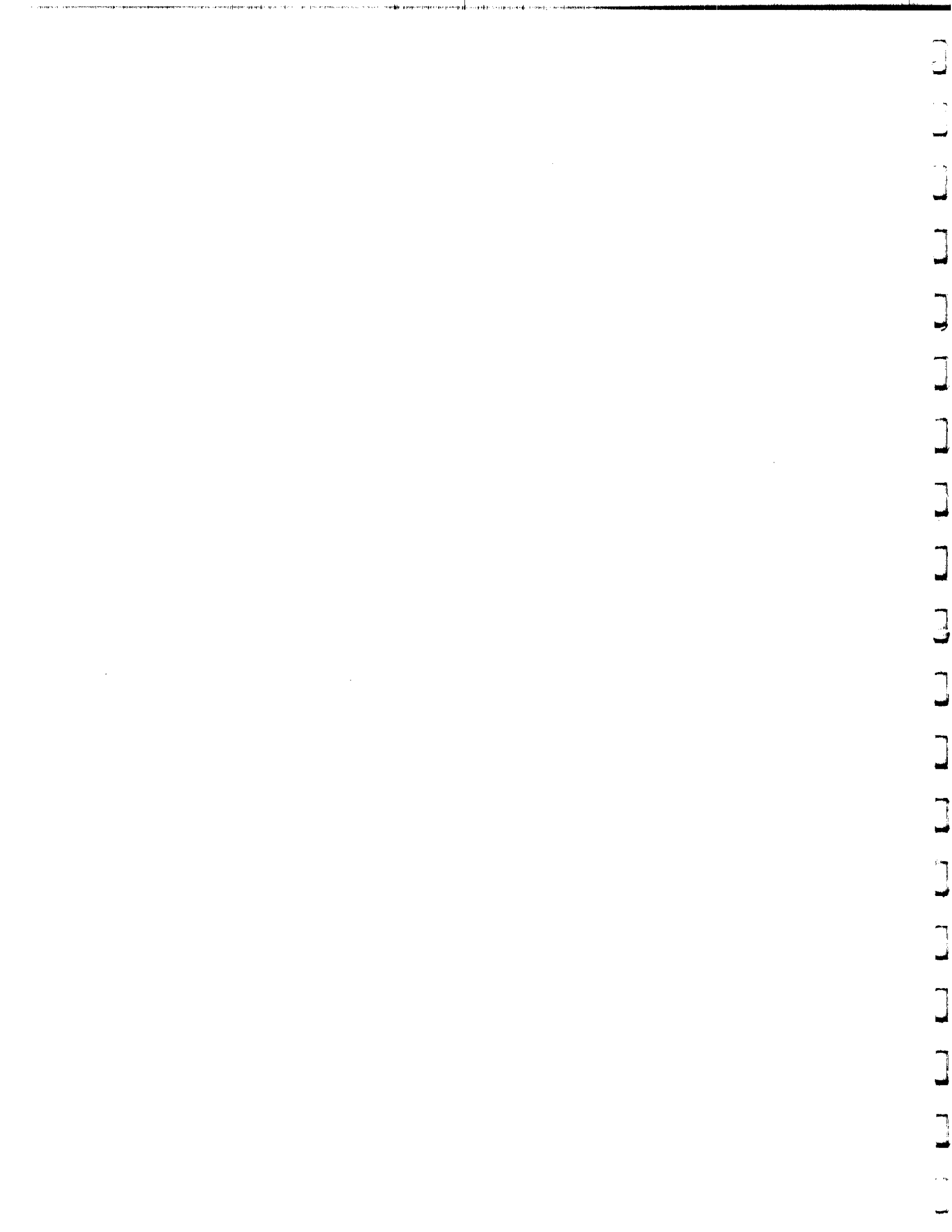
Whereas, we recognize that Massachusetts and Cape Cod Bays are threatened by deteriorating environmental quality that poses a threat to public health and quality of life; and

Whereas, we recognize that the drainage basins of Massachusetts and Cape Cod Bays cross municipal boundaries; that the future of the Bays depends upon the ability of neighboring communities to control the quality of their environment through regional communication and cooperation among municipal, state, and federal agencies responsible for managing the Bays and their watersheds; and

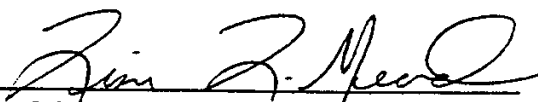
Whereas, we have contributed to and reviewed the Massachusetts Bays Program's Comprehensive Conservation and Management Plan (CCMP) that is designed to protect and enhance the Bays' resources;

Be it therefore resolved, that we agree to voluntarily implement the CCMP recommendations - both individually and cooperatively - that are most appropriate for the communities. We will voluntarily work to:


- protect and enhance shellfish resources and coastal habitats;
- reduce and prevent stormwater, oil and toxic pollution;
- manage wastes from on-site sewage treatment systems, sewage treatment plants, and boats;
- manage dredging and the disposal of dredged materials;
- reduce beach debris;
- protect nitrogen sensitive embayments;
- enhance public access and the working waterfront;
- plan for a shifting shoreline;
- manage local land use and growth.



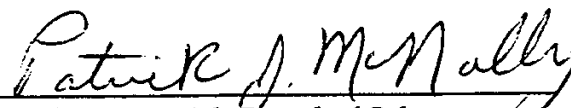
Signatures of Support for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"



Mayor, City of Newburyport



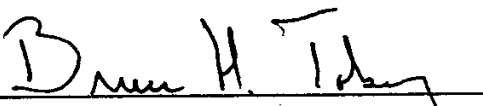
Chair, Rowley Board of Selectmen




Chair, Ipswich Board of Selectmen



Chair, Essex Board of Selectmen




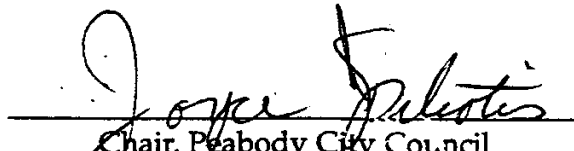
Mayor, City of Gloucester




Chair, Rockport Board of Selectmen

**Signatures of Support
for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"**



Chair, Beverly City Council


Chair, Peabody City Council

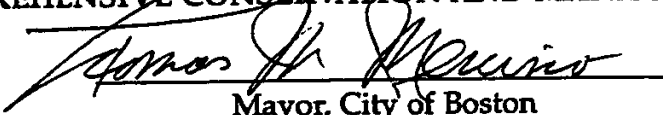

Chair, Salem City Council


Chair, Danvers Board of Selectmen


Chair, Marblehead Board of Selectmen



Chair, Manchester-by-the-Sea Board of Selectmen

Signatures of Support for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"

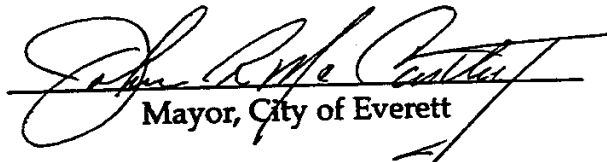

Mayor, City of Boston



Chair, Nahant Board of Selectmen


Chair, Swampscott Board of Selectmen

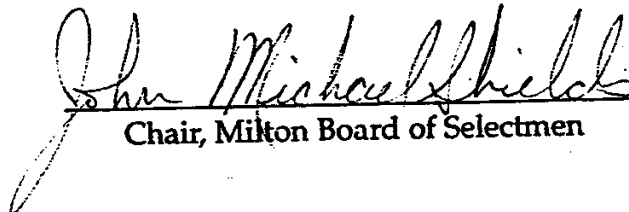

Mayor, City of Revere

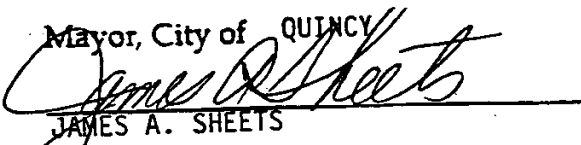

Chair, Braintree Board of Selectmen


Mayor, City of Everett


Chair, Saugus Board of Selectmen


Chair, Winthrop Board of Selectmen


Chair, Milton Board of Selectmen

Mayor, City of QUINCY

JAMES A. SHEETS

Signatures of Support for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"

David H. Chandler
Chair, Weymouth Board of Selectmen

Katharine W. Reardon
Chair, Hingham Board of Selectmen

Michael B. Breen
Chair, Cohasset Board of Selectmen

Peter J. O'Sullivan
Chair, Norwell Board of Selectmen

BJ Nyman
Chair, Hanover Board of Selectmen

Chas. W. Lyndon (No commitment of any
Chair, Pembroke Board of Selectmen monetary obligation)

William J. Francis (As Affordable)
Chair, Marshfield Board of Selectmen

Tim B. Weile
Chair, Duxbury Board of Selectmen

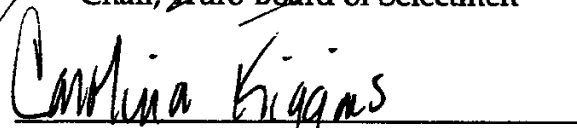
Samuel J. Quinn
Chair, Kingston Board of Selectmen


Linda E. Tegan (NO commitment of
Chair, Plymouth Board of Selectmen any monetary
obligation)

Signatures of Support
for the
"COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN"


Chair, Provincetown Board of Selectmen


Chair, Truro Board of Selectmen

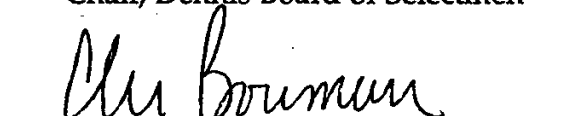

Chair, Wellfleet Board of Selectmen


Chair, Eastham Board of Selectmen


Chair, Orleans Board of Selectmen


Chair, Brewster Board of Selectmen


Chair, Dennis Board of Selectmen


Chair, Yarmouth Board of Selectmen


Chair, Barnstable Town Council


Chair, Sandwich Board of Selectmen


Chair, Bourne Board of Selectmen

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Massachusetts Coastal Zone Management
Sandy Macfarlane
Town of Orleans

Chapter 1:

Massachusetts Riverways Programs, DFWELE

Chapter 3:

J.K. Moore

Upper North Shore Region:
Sam Cleaves

Salem Sound Region:
Christy Jones

Cape Cod Region:
Cape Cod Commission

Chapter 4:

MA Water Resources Authority

Chapter 5:

Massachusetts Riverways Programs, DFWELE

Action Plan 1:
Cape Cod Commission

Action Plan 4:
Sam Cleaves

Action Plan 5 and 6:
Bill Clark
Massachusetts Bays Program

Action Plan 7:
Cape Cod Commission

Action Plan 9:
Deerin Babb-Brott
Massachusetts Coastal Zone Management

Action Plan 12:
Sharon Pelosi
Massachusetts Coastal Zone Management

Action Plan 13:
Jim O'Connell
Massachusetts Coastal Zone Management

Action Plan 14:
Cape Cod Commission

Action Plan 15:
Harbor Explorations

Chapter 7:

Massachusetts Bays Program

Chapter 8:

Joan Kimball
Massachusetts Riverways Programs, DFWELE

Chapter 9:

Massachusetts Bays Program

Chapter 11:

Joan Cannon
New England Power Company